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BIENNIAL REPORT OF THE  
**STATE HOSPITAL  
FOR THE INSANE**  
AT WARREN, PENNSYLVANIA



FOR THE BIENNIAL PERIOD ENDING  
MAY THIRTY-FIRST  
NINETEEN HUNDRED EIGHTEEN

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State Hospital for the  
Insane at Warren (Pa.)  
Biennial Report of the State  
Hospital for the Insane at

# Biennial Report

of the

## STATE HOSPITAL FOR THE INSANE

At

Warren, Pennsylvania

For the

Period Ending May 31, 1918

To the

Board of Commissioners of Public Charities

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THE NEWELL PRESS  
WARREN, PA.

## OFFICERS OF THE HOSPITAL

## Trustees

WILLIAM E. RICE, President.....	Warren, Warren County
A. LINCOLN BELL, Vice President.....	Ridgway, Elk County
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Vacancy .....	

*Physician-in-Chief and Superintendent*

H. W. MITCHELL, M. D.

### Assistant Physicians

IRA A. DARLING, M. D.	ADELAIDE ELLSWORTH, M. D.
WILLIAM C. MILLER, M. D.	PATRICK H. WEEKS, M. D.
MARY P. MITCHELL, M. D.	

## Pathologist

PAUL G. WESTON, M. D.

*Consulting Ophthalmologist*

E. D. McKEE, M. D.

*Consulting Surgeon*

WILLIAM M. ROBERTSON, M. D.

*Dentist*

JOSEPH T. DANFORTH, D. D. S.

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MISS RUBY K. BADGER

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CARL A. WHEELOCK

*Accountant*

HAROLD A. ROSS

*Treasurer*

F. E. HERTZEL

*Secretary to Superintendent*

OLIVE E. COWLES

All communications relative to the admission of and inquiries in regard to patients should be addressed to

Dr. H. W. Mitchell, Warren, Pa.

# Standing Committees for the Year 1917

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## *Executive Committee*

BRYAN H. OSBORNE  
A. LINCOLN BELL

NED ARDEN FLOOD  
Vacancy

## *Committee on Employees and Salaries*

NED ARDEN FLOOD  
R. B. STONE

A. LINCOLN BELL  
CHARLES SCHIMMELFENG

## *Farm Committee*

CHARLES SCHIMMELFENG  
NED ARDEN FLOOD

A. M. LOWENTRITT  
Vacancy

## *Auditing Committee*

C. R. GALBRATH  
A. LINCOLN BELL

A. M. LOWENTRITT  
BRYAN H. OSBORNE

## *Building Committee*

A. LINCOLN BELL  
R. B. STONE

CHARLES SCHIMMELFENG  
Vacancy

## *Committee on Purchase*

Vacancy  
C. R. GALBRATH

BRYAN H. OSBORNE  
CHARLES SCHIMMELFENG

## *Monthly Visiting Committee*

R. B. STONE  
CHARLES SCHIMMELFENG

A. LINCOLN BELL  
Vacancy

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Stated meetings of the Board third Friday of March, June, September and December.



## Report of Board of Trustees

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State Hospital for the Insane, Warren, Penna.,

June 1, 1918.

To the Committee on Lunacy of the Board of Public Charities, State of Pennsylvania.

Gentlemen:

The Board of Trustees of the State Hospital for the Insane at Warren, Pennsylvania, have the honor of submitting the thirty-fifth report of the hospital. The report covers the biennial period ending May 31, 1918.

The usual increase in population occurred during the first half of the period reported. There was a resident population of 1536 on June 1, 1917, which was reduced to 1499 a year later as the result of transfers to other hospitals by order of the Committee on Lunacy. This temporary relief from serious overcrowding has been most welcome. The increase in capacity resulting from use of appropriation voted for that purpose by the Legislature of 1917, will provide for an indefinite time accommodations for the normal number of commitments from our hospital district, while the completion of a new hospital in the southwestern district will relieve us of the numerous commitments from that part of the state.

The reports of the superintendent, treasurer and steward, submitted herewith in detail, give the required statistical information concerning the various activities of the hospital for the past two years.

The last legislature appropriated the sum of \$219,000 for special purposes shown in the following list:

Building for reception of new patients..	\$150,000
Purchase of land.....	\$ 10,000
Fixtures and furnishings.....	\$ 10,000
Vegetable cellar.....	\$ 2,500
Garage .....	\$ 1,500
Home for attendants.....	\$ 25,000
Deficiency for biennial period ending May 31, 1917.....	\$ 18,000
	<hr/>
	\$217,000

It was late in the summer of 1917 before we were certain that the appropriation for a reception hospital would finally pass. It was then too late in the season to secure plans, advertise for bids and start work before cold weather. Approved plans have been secured and bids will be opened during the present month. Prevailing uncertainty in the building trade due to war requirements has caused some doubt as to the probability of obtaining an acceptable proposal for this construction until conditions are more settled. Furthermore our estimate of cost was based on pre-war cost of construction. Now the greatly increased cost of labor and materials, combined with the scarcity of both and possible embargo upon shipments, create a state of affairs almost prohibitive of economical building. Many of the best builders in the vicinity are fully engaged on the cost plus basis of engagement and do not care to risk competitive bids in these uncertain times. If the work cannot be let upon reasonable terms this year we shall wait for developments of the coming year, in the uncertain hope that such delay may be beneficial to our plans.

No claim has as yet been made for funds under the appropriation for furnishings and fixtures. We have been waiting for development of needs during the latter part of the fiscal period in order to meet the most pressing wants of the hospital.

We feel that the \$10,000 for land has been most advantageously expended in the purchase of two farms east of the Conewango Creek and adjoining our present holdings. By these purchases we have added over 300 acres of valuable land to the hospital property. Hitherto the hospital has been obliged to keep its growing stock upon pasture rights secured at remote distances and at high rental. Hereafter we shall be able to keep them upon our own land and under our own supervision. The purchases were made within the amount of money available.

Two appropriations of \$2,500 and \$1,500 for a vegetable cellar and garage, respectively, were obtained and both have been built with our own labor within the appropriation and afford much needed storage room.

Plans for a comfortable home for male attendants were approved and work will be completed by our own labor. Approval of this course was first secured from the Committee on Lunacy and work has been started. We expect to finish the building this year within the appropriation figure. Upon its completion, rooms now occupied upon the wards by attendants will be available for patients and much more comfortable living quarters will be available for the former.

In submitting a list of items to be furnished by special appropriation we have not considered any line of development but have asked only for things which are needed in the maintenance of the hospital or to finish work already begun.

1. Farming implements.....	\$7,000
2. Engineering tools, supplies and repairs..	\$6,000
3. Hennery .....	\$5,000
4. Manure pit .....	\$2,000
5. Furnishings for attendant's dormitory....	\$5,000
6. Land .....	\$4,000
Total .....	<u>\$29,000</u>

The increasing cost of supplies and labor during the fiscal period ending May 31, 1917, resulted in a deficit of \$18,000 which was kept at that figure only by reducing our stock of supplies to the lowest possible point. This sum was appropriated by the legislature and immediately expended in paying our debts remaining from the last fiscal period.

While the legislature added seventy-five cents weekly for the maintenance of patients, and this sum has been secured for the past year, the rapidly increasing cost of all staple supplies and the increase of wages demanded by the changed conditions has resulted in a growing deficit from month to month which has been kept at a minimum figure by most careful efforts at economy. Stringent efforts to prevent waste have been adopted and the former scale of living reduced. Farm crops will be materially increased this year if we are favored with a good season, but regardless of our efforts to reduce expenses, we are confronted with the certainty that we shall be unable to meet all our obligations with a fixed income that has little more than two-thirds the purchasing power it possessed at the time when it was considered sufficient for bare maintenance.

The needs of the United States Military Service have made irreparable drains upon the hospital force and the burden falls most heavily upon those remaining who are faithfully endeavoring to make up the shortage by increased effort and for comparatively low compensation. It is becoming increasingly difficult to secure an adequate number of employees, and we believe that immediate efforts should be made to hold in the service employees fitted by temperament and training to meet the needs of the hospital service. If the present retirement act could be so modified that employees could retire after a stated term of service, as arranged in New York and Massachusetts, a very great inducement for long service would be offered a large percentage of our employees, and we believe it would mark a step forward in stabilizing the hospital work.

Numerous changes in the hospital staff are recorded in the superintendent's report. The difficulties in maintain-



ing previous standards of living and medical care have been greatly increased and in some measure it has been impossible to meet them satisfactorily. Fortunately patients and employees alike, seem to appreciate that necessary deprivation should be considered merely as carrying their part of the national burden.

We wish again formally to recognize and record our appreciation of the faithful and valuable assistance rendered by Dr. Mary P. Mitchell, who in spite of impaired health, has during the biennial period covered by this report continued without remuneration, her efficient oversight of the convalescent female patients.

The additional burden carried by the Medical Staff because of a number of members having enlisted in War Service, has been met with fine spirit, and each member has performed his duties in a manner meriting recognition and the thankful appreciation of the Board. The characteristic energy and faithful discharge of duty by Dr. H. W. Mitchell, the highly capable and efficient superintendent, has furnished inspiration and encouragement to the members of the Medical Staff, as well as to all connected with the management of the institution.

We can not too strongly state our appreciation of the well directed efforts of Dr. Mitchell during this trying period in the administration of the general affairs of the hospital, as well as in his position as Physician-in-Chief.

We are again forced to record the untimely death of a lamented associate. In the early days of the hospital Dr. Wallace R. Hunter served some years as an assistant physician, leaving to practice medicine in Erie, Pa. Later his achieved professional reputation, interest in public matters and acquaintance with the needs of the hospital peculiarly fitted him for the duties of a Trustee, which he energetically performed for seven years. The following resolutions of the Board of Trustees can but feebly express our regrets for his premature death.

\* "Whereas, since our last quarterly meeting the sad announcement has come to us of the death of our late associate, Wallace R. Hunter,

Be it resolved, that we deplore the death of Dr. Hunter as a grievous loss, not alone to the membership of this Board with which for many years he has been associated, but to the institution as well, and to the state in whose service here he has borne an important part. His early familiarity with the institution as a member of its medical staff and knowledge thereby acquired of its history, its needs, and of the policy which should govern its control, have been of inestimable aid to the Board during the later period of his association with it. As a trustee, the progressive administration of the institution never failed to command his zealous and efficient co-operation. As a companion in office he was endeared to his fellow members by his genial nature, his good cheer in sickness and in health, and the many admirable traits which distinguished his charming personality.

Be it further resolved, that these resolutions be entered upon the minutes and that a copy be certified therefrom to the bereaved family."

WM. E. RICE  
CHARLES SCHIMMELFENG  
R. B. STONE  
ARTHUR M. LOWENTRITT  
NED ARDEN FLOOD  
BRYAN H. OSBORNE  
A. LINCOLN BELL  
C. R. GALBRATH.

## Report of the Superintendent

To the Board of Trustees of the State Hospital for the Insane, Warren, Pennsylvania.

Gentlemen:

In accordance with the requirements of your Board the thirty-fifth report of the superintendent for the two years ending May 31, 1918, is herewith submitted.

### GENERAL STATISTICS for the Year Ending May 31st, 1917.

TABLE NO. 1.

	Males	Fem's.	Total
Patients in the hospital June 1, 1916.....	782	739	1,521
On visit June 1, 1916.....	44	26	70
Admitted within the year.....	218	151	369
Viz: by regular commitments.....	197	140	337
voluntary .....	13	7	20
habit cases .....	8	1	9
by transfer .....	.....	3	3
Returned from visit .....	10	2	12
Whole number of cases within the year.....	1,044	916	1,960
Dismissed within the year.....	188	156	344
Viz: discharged .....	124	103	227
as restored .....	20	32	52
as improved .....	89	63	152
as unimproved .....	15	8	23
died .....	64	53	117
transferred .....	.....	1	1
escaped .....	9	1	10
On visit June 1, 1917.....	57	23	80
Patients in the hospital June 1, 1917.....	799	737	1,536
Viz: regularly committed .....	792	737	1,529
voluntary .....	1	.....	1
habit cases .....	6	.....	6
supported as indigent patients.....	742	674	1,416
supported as private patients.....	57	63	120
Number of different persons admitted within the year .....	214	149	363
Number of different persons dismissed within the year.....	186	155	341
Number of different persons restored within the year .....	20	31	51
Daily average number of patients.....	784.21	742.51	1,526.72
Viz: Indigent patients .....	716.83	677.28	1,394.11
private patients .....	63.75	64.23	127.98
criminal insane .....	3.63	1.	4.63

## STATE HOSPITAL FOR THE INSANE

For the Year Ending May 31st, 1918.

	Males	Fem's.	Total
Patients in the hospital June 1, 1917.....	799	737	1,536
On visit June 1, 1917 .....	57	23	80
Admitted within the year .....	212	147	359
Viz: by regular commitments.....	180	137	317
voluntary .....	12	4	16
habit cases .....	15	1	16
by transfer .....	5	5	10
Returned from visit .....	7	4	11
Returned from escape .....	1	.....	1
Whole number of cases within the year.....	1,068	907	1,975
Dismissed within the year.....	257	149	406
Viz: discharged .....	108	71	179
as restored .....	16	28	44
as improved .....	79	36	115
as not improved .....	13	7	20
died .....	103	66	169
transferred .....	19	11	30
escaped .....	27	1	28
On visit June 1, 1918 .....	57	13	70
Patients in the hospital June 1, 1918.....	754	745	1,499
Viz: regularly committed .....	740	744	1,484
habit cases .....	11	.....	11
voluntary .....	3	1	4
supported as indigent patients.....	704	676	1,380
supported as private patients.....	50	69	119
Number of different persons admitted within the year .....	211	147	358
Number of different persons dismissed with- in the year .....	256	149	405
Number of different persons restored within the year .....	16	28	44
Daily average number of patients.....	775.40	743.90	1,519.30
Viz: indigent patients .....	715.49	678.18	1,393.67
private patients .....	55.24	64.56	119.80
criminal insane .....	4.67	1.16	5.83

The statistical tables show a decrease of twenty-two patients during the biennial period. Transfers by the Committee on Lunacy to other hospitals together with a continuation of our policy to release on parole all such patients as can be delivered to the custody of relatives competent to care for the patients brought about this slight decrease in population. The daily average number of patients during the period covered by this report, however, shows an increase of thirteen over the time of the last annual report. The annual commitments during the past two years

show a considerable decrease over the figures of 1915-16, the reduction being equally divided between the sexes.

Among the commitments there were five voluntary admissions and twenty-five habit cases. The total number of persons cared for has been 2,257, and there were 286 deaths, making a biennial death rate of 12.6%, equivalent to an annual rate of 6.3% of the total population. Four patients committed suicide. In each instance the act was not to be expected from the character of the psychosis. Two women, both hospital residents for years, much demented and with no previous suicidal tendencies strangled themselves in their rooms at night. A male general paralytic cut his throat with a small piece of steel. He had exhibited no depressive tendencies. An old man, for many years a parole patient, was about the grounds as usual and retired to his room one day ostensibly to rest and was found hanging by the neck. Two male patients while working on the coal dump, quarreled and before they could be separated one struck the other on the head with a shovel causing a fracture of the skull and death followed in a few days. These deaths, together with all occurring suddenly, have been passed upon by the coroner.

Other deaths were due almost entirely to chronic disorders. About one-half of the deaths occurred in people over 60 years of age.

One case each of small-pox and chicken-pox were handled with no spread. Vaccination against small-pox is followed as a routine measure. Typhoid fever has not occurred in the hospital since typhoid immunization was begun as a general routine six years ago, though the disease was common here prior to adoption of this simple, preventive measure.

Of those discharged ninety-six were considered as recovered, while two hundred and sixty-seven were so much improved that parole was advisable. Our percentage of recoveries would appear low unless it is understood that the term is used only in such cases as demonstrate complete restoration with good insight.

Cases admitted have been grouped under a classification required by the Committee on Lunacy and a digest follows:

### INFECTIVE EXHAUSTIVE PSYCHOSES.

The infective exhaustive psychoses, occurring as they do in the terminal stages of some severe physical illness, seldom reach this hospital. The condition is seen quite frequently in private medical practice, but recovery or death usually ensues within a few days or weeks, thus allowing the majority of such patients to be cared for at home. This accounts for the small number of cases listed under this diagnosis during the past two years. There were four such cases admitted, 0.1% of all commitments and of these three were discharged; one restored, one improved, and one unimproved; the other died at the hospital.

### ALCOHOLIC PSYCHOSES.

Alcohol was responsible for the commitment of eighty-six patients during the past two years. This is 11.8% of all the admissions, which is an increase of 2.4% over the number of patients admitted for the same cause during the preceding two years. Twenty men and one woman were committed under the terms of the Habit Act. One man thus committed was found to have general paralysis of the insane, and to be in the latter stages of the disease. Several others had transient alcoholic psychoses but all improved materially. Among the patients committed under the "Law of 1883" as insane, there were seven men and one woman who failed to show enough evidence of mental disturbance to warrant classification among the psychoses. There is apparently a quite general belief among the laity that persistent excessive indulgence in alcohol is in itself evidence of insanity. In accordance with this idea many chronic drunkards have been committed as insane. There has been a steady decrease in these commitments during the past five years, and the number admitted during the two years covered by this report is less than the number admitted during the single preceding year. Ten men were



admitted at their own request and four of them were found to have transient alcoholic psychoses. The other six were classed as chronic alcoholics. During the past two years fifty-nine of these patients have been discharged; twenty-two as restored, thirty-four as improved and three as unimproved.

### DRUG PSYCHOSES.

It is interesting to note that the enforcement of the Harrison narcotic law, which was instituted in 1915 was accompanied by a temporary increase in the number of drug addicts admitted, and that now a secondary decline in the number of such cases seems well established. This is well illustrated by the percentage of admissions during the past four years, which are: 1914-15, 2%; 1915-16, 4%; 1916-17, 1%, and 1917-18, 0.8%. During the period covered by this report seven cases of drug psychoses have been discharged; five as restored and two as improved.

### GENERAL PARALYSIS OF THE INSANE.

Fifty-three men and twelve women were admitted because of general paralysis of the insane. This constituted 8.9% of the total admissions, and varies but little from the number diagnosed as paresis during the preceding year (8.5%). During this period several of the later forms of treatment have been tried in the hope of benefitting these unfortunate patients. In spite of this, it is impossible to report any satisfactory results and all of the cases treated appear to be passing through the usual progressive deterioration that is so characteristic of this disease. The gravity of this disease is well demonstrated by the fact that but ten cases were discharged, five as improved and five as unimproved, while sixty-three died.

### ORGANIC DEMENTIA.

There has been a noticeable increase in the number of patients admitted with sclerotic brain changes. During the two years preceding the period covered by this report 5.8% of the admissions were classed as organic dementia. During the current period 9.7% of the admissions were due

to this condition. This increase of 3.9% is probably an indication of increasing confidence in the hospital on the part of physicians and the general public. Many elderly people whose general health is breaking down as a result of age and systemic arterio-sclerosis have mental symptoms during the terminal stages of their illness that can be attributed to cerebral arterio-sclerosis, embolism or cerebral hemorrhage. Probably most of these patients are cared for in their homes at great expense of time and money without having as good care as can be given at a well regulated hospital where proper facilities are available. As the public becomes better acquainted with the aims and ideals of the hospital, an increasing number of these old people will be admitted to be given care and supervision that will make their last days more comfortable. During the past two years twenty-one of these patients have been discharged, fourteen as improved and seven as unimproved.

#### DEMENTIA PRAECOX.

Dementia praecox continues to be the diagnosis in a large proportion of the admissions. During the past two years one hundred and forty-five cases of this type have been committed. This constitutes 19.9% of all admissions, which is but a slight variation for 23.1%, which represents the number admitted during the preceding two years. As usual there was about an equal number of each sex, the figures for this period showing seventy-four men and seventy-one women. During the past year intravenous sodium chlorid treatment has been attempted, as recommended in recent reports by several physicians. Twelve male patients with symptoms quite typical of the catatonic form of dementia praecox were selected and given the salt solution in varying amounts at weekly intervals over a period of about five months. Other institutions have reported some favorable results, but the cases here failed to improve enough to warrant continuation. The patients treated showed a slight gain in weight, which can be accounted for, in part at least, by the more satisfactory care given as a result of attention being focussed upon them. One of



these men showed very noticeable and satisfactory mental improvement, but he had at least two similar periods of improvement before any specific treatment was given. The other eleven patients showed no apparent mental improvement. During the past two years ninety-six cases of dementia praecox have been discharged, sixty-five as improved and thirty-one as unimproved.

#### DEPRESSION UNDIFFERENTIATED.

This classification has been reserved for cases having depression resembling the depressed phase of manic depressive insanity, yet failing to present enough typical symptoms for classification in that group. During the past two years sixteen of these patients have been admitted, and this constitutes 2.2% of the total admissions. Practically all of these patients had recently suffered some severe physical or mental stress that appeared to be prominent as the etiologic factor. Of these cases twelve have been discharged, three as restored, eight as improved and one as unimproved.

#### SENILE DEMENTIA.

Many old people develop an atrophy of the cerebral cortex, and as a result grow slowly "childish" and forgetful. A certain degree of this type of dementia is perhaps the normal accompaniment of old age, but in some instances the mental changes overshadow the general physical decline, and it becomes necessary to resort to hospital care. Forty-two patients of this type were admitted during the past two years and this represents 5.7% of all admissions. Needless to say, cases of this character cannot be expected to recover, but a few are able to adjust themselves to the simple hospital routine and have several years of comparative comfort under institutional care. Six of these patients have been discharged, four as improved and two as unimproved.

#### MANIC DEPRESSIVE INSANITY.

During the past two years, one hundred and twenty-six cases have been diagnosed as manic depressive insanity.

This is 17.3% of all the admissions and is approximately the same as the number admitted during the preceding two years. Hydrotherapy in the form of continuous baths and cold packs has been used extensively in the treatment of these patients. Excitement and persistent hyperactivity that prevent rest and proper nutrition nearly always yield to intelligent use of these procedures, whereas the use of sedative drugs has been abandoned as they appear to cause far more harm than good. The agitated types of depression are also aided by similar measures. The depressed, worried and retarded forms require prolonged rest in bed, careful watching of the digestive functions and above all personal encouragement and guidance suited to the individual case.

There have been one hundred and eighteen cases of manic depressive insanity discharged during the period covered by this report. Of these, forty-seven were considered restored; sixty-one improved; and ten unimproved. This shows that 86% of the number admitted were discharged as either improved or restored.

#### PARANOIC CONDITION.

This diagnosis has been used to designate a few cases with disconnected persecutory delusions, lack of true change of personality and only moderate dementia. The classification has been used six times during the past two years. During the same period two such cases have been discharged, one as improved and one as unimproved.

#### HYSTERIA.

Major hysterical attacks are rarely the only cause for admission to an institution of this type, as is shown by the records of the past four years, during which period this diagnosis was made in only 0.5% of all cases. During the past year one man was admitted with far advanced pulmonary tuberculosis associated with major hysteria. All other cases have been among the women.

## EPILEPSY.

During the period covered by the current report, epilepsy has caused the commitment of twenty-two patients. This is 3% of all the admissions. All of these patients had periods of severe mental disturbance associated with seizures, or else were greatly demented and in a condition requiring constant nursing care. Cases of epileptic insanity are practically never sent to this hospital until after they have been treated by many different physicians or cared for in several other institutions. Because of this nearly all the cases that offer hopes of responding to treatment are weeded out before they reach this hospital, and as a result those finally committed are chronic, hopeless cases. During the past two years, four of these cases have been discharged as improved and two as unimproved.

## IMBECILITY.

Imbecility alone is not considered sufficient grounds for commitment to this hospital, yet thirty-seven patients, or 5% of all admissions during the past two years failed to show enough evidence of a true psychosis to allow any other diagnosis. All of these patients showed peculiarities of mentality and conduct disorder that probably justified the home authorities in ordering commitment. In some cases moderate alcoholism caused violent reactions; in other instances there were ill-defined symptoms suggesting a psychosis that could not be fitted into any definite classification and still others had almost no emotional control, and on this account were a real danger to their associates.

During the two years covered by this report, twenty-five of these cases have been discharged as improved and four as unimproved. These patients were considered improved when the ill-defined, complicating symptoms that were the real cause of commitment had been ameliorated enough to make it seem possible for the patient to return home and live there comfortably and safely.

## UNCLASSIFIED PSYCHOSES.

Ninety patients were received who did not display symptoms sufficiently characteristic to allow definite, permanent classification. This group embraced 12.3% of the total admission and was nearly 5% greater than the same class during the preceding two years. One man and one woman were finally found to be not insane. The others were border line cases with the diagnosis resting between manic depressive insanity and dementia praecox, organic dementia and senile dementia, organic dementia and infective exhaustive insanity, or alcoholic insanity and dementia praecox. Many of these cases were foreigners who could not converse enough to explain their troubles or moribund when admitted. During the past two years, fifty-seven patients belonging to this group have been discharged, sixteen as restored, thirty-seven as improved, and four as unimproved.

The routine work of the laboratory consists, as in previous years, of the study of material from autopsies and the performance of the usual serological, chemical and bacteriological work. The value of routine laboratory work as an aid to diagnosis is very well shown in a comparison of the clinical diagnosis and pathological findings in paresis. Before the routine use of the Wassermann reaction, colloidal gold and other tests, an error of fifteen per cent was made in the diagnosis of this condition. Since the introduction of these diagnostic methods, autopsies have shown that no errors in diagnosis have been made.

The routine examination of the blood of patients admitted has shown that 8.25 per cent of male and 2.95 per cent of female patients were syphilitic. Examination of the cerebrospinal fluid, has shown that 10.1 per cent of the patients admitted had syphilitic involvement of the central nervous system. Seventeen and three tenths per cent of these fluids were from patients whose blood serum gave a negative Wassermann reaction. This emphasizes the necessity of examining the cerebrospinal fluid in questionable cases even when the blood Wassermann is negative.

One hundred fifteen autopsies were performed during the past two years. This is 42 per cent of the number of deaths.

Since a greater knowledge of the condition of the physically sick is easily obtainable from chemical examinations of the blood, such analyses have been made wherever indicated.

The nature of the substance in the cerebrospinal fluid that causes precipitation of colloidal gold and the sugar content of the blood and cerebrospinal fluid have been studied and the findings reported in the medical journals.

The following papers were presented by the staff:

"The Sugar Content of the Blood and Spinal Fluid of Insane Subjects." Paul G. Weston, M.D., *Jour. Med. Research*, XXXV, 2, 199.

"Colorimetric Methods for Determining Cholesterol." Paul G. Weston, M.D., *Jour. Biolog. Chem.*, XXVIII, 2, 383.

"Reaction of Cerebrospinal Fluid in the Psychoses." Paul G. Weston, M.D., *Jour. Med. Research*, XXXV, 3, 367.

"Does the Paretic Gold Curve in Psychiatric Cases Always Indicate Syphilis of the Nervous System?" Paul G. Weston, M.D., *Amer. Jour. Insanity*, LXXIV, 3, 431.

"Prognosis in Nephritis." Paul G. Weston, M.D., *Saratoga Springs Medical Society*.

"Review of Syphilis." Paul G. Weston, M.D., *Warren County Medical Society*.

"Results in the Treatment of Paresis by Inunctions of Mercury and Drainage of the Cerebrospinal Fluid." Alan D. Finlayson, M.D., *The American Journal of Insanity*, Vol. XXIV, No. 4, p 603, Apr. 1918.

"The Margin of Error in the Diagnosis of Neurosyphilis of the Paretic Type." Ira A. Darling, M.D., *The Journal*



of the American Medical Association. Vol. LXX, No. 21, p 1521, May 25, 1918.

"The Relative Value of Prevention and Treatment of Alcoholism." H. W. Mitchell, M.D., National Conference of Social Work. 1917 Meeting, Pittsburgh, Pa.

In addition to the papers listed many popular talks have been given to lay audiences in the interests of the mental hygiene movement.

Our medical work as outlined in previous reports has been conducted under increasing difficulties during the past year. Three of our physicians of a year ago are now serving with the colors in the neuro-psychiatric service, while two others leave for the same service immediately. Many of our best nurses and attendants have either enlisted or been called by the draft and there are none to take their places. We have co-operated with the War Work Committee of the Mental Hygiene Society in recommending physicians, nurses and attendants to the service for which their training best fitted them and are thankful that we have been thus able to contribute to the national service. Naturally our own work must suffer but we can expect to keep up necessary routine work.

All imperative surgery has been performed at the hospital by the consultants and many major operations have been successfully performed.

The dental needs of indigent patients have been attended to by the hospital dentist as shown in the following table:

#### SUMMARY OF OPERATIONS.

Fillings—Alloy .....	278
Cement .....	182
Temporary .....	73
Canals treated .....	102
Canals filled .....	29
Teeth scaled .....	85
Teeth cleaned .....	84
Gum and pyorrhea treatments.....	154
Extractions .....	808
Plates adjusted .....	21

Examinations without service rendered.....	276
Grinding teeth .....	15
Lancing teeth .....	35
Treating teeth .....	182
Bridges removed .....	2
Polishing .....	6
Plates repaired .....	28
Cementing on crowns .....	16
Crowns repaired .....	2
Crown removed .....	1
Bridges repaired .....	1
Cementing on bridges .....	4
Treating alveolar abscess .....	15
Total number of operations.....	2,399

The training school course has been extended to meet the requirements of the Board of Examiners for nurses in Pennsylvania. Two years is now spent at this hospital and one year at the Hamot Hospital in Erie. A list of the graduates of 1916 and 1917 follows:

#### GRADUATES OF 1916.

William G. Baird	Ada B. Brown
Edna M. Bermender	Bessie Irene Gould
Mary Grace Cleveland	Hazel Payne Grey
Stephen John Hayes	Charles Spencer Hudson
Mary Velma Huddelston	Edith Leone Kingsley
Clara Violet Laufenberger	Laura J. Marsh
Blanche Edith Martin	Louise Miller
Melva McQuiston	Mabel L. Payne
Mary Margaret Sweeney	H. Gertrude Ward
Ruby May Young	

#### GRADUATES OF 1917.

Alta Irene Brown	Edith Campbell
Mabel Louise Carlson	Nettie A. Chadwick
Nellie Mae McGrath	Maud Idah Rhode
Edith Anna Rhinehart	Nelle Mae Snyder
Hannah Lawrence Shipman	Ella M. Stroupe
Maybelle Thrasher	

Misses Harriet H. Baird, Edith H. Kingsley, Florence I. Hilyer, Florine M. Goodenow and Mrs. H. Gertrude Ward, graduates of the training school, are in the United States

service and several others have recently filed their applications.

The hydrotherapy department has given some 90,000 treatments of various forms to 800 different patients and in addition has kept up class work in calisthenics and various class drills.

Therapeutic employment has been somewhat increased by the call for Red Cross supplies which have been made in very considerable quantity by patients' labor.

A fairly good crop yield last year followed two years of greatly diminished yield. Increase in acreage this year furnishes opportunity for a large increase of food products if the season is favorable. The number of pigs have been greatly increased and all unprofitable cows have been slaughtered with the result that now a herd reduced by 15%, is giving within 3% of the amount of milk of the previous year. The state veterinary force have continued their careful investigation and weeded out all tuberculous animals. The Department of Agriculture has for two years rendered valuable assistance by sending farming experts whose advice has been sought and followed to good advantage. The general farming operations are being well conducted under the management of Mr. H. B. Howell, whose predecessor, Mr. R. C. Reeve, resigned to enlist in the United States Army.

Numerous changes have occurred in the medical staff. Dr. S. Finley Gordon resigned soon after the last report and his position was filled by the appointment of Dr. W. C. Miller. Three of the staff have been called into the United States service and two more leave in June. Dr. P. H. Weeks has been appointed as an assistant and the staff thus reduced in number will endeavor to meet our medical needs. The following list of persons have left our service to join the United States military forces.

A. D. Finlayson, M.D., Captain M.R.C.

Captain William Tribble, Pennsylvania National Guard  
Melbourne J. Pond, First Lieut. M.R.C.



Emory L. Dravo, M.D., First Lieut. M.R.C.

Ralph Aharrah  
Leon C. Arnold  
Francis W. Barry  
Paul E. Bedford  
Russell Dustin  
Reginald Carter Reeve  
Milton L. Erickson  
Willis Eby  
David Major Gorsuch  
Fred J. Vierick  
Charles Spencer Hudson  
Paul M. Ingham  
Albert Barney Lesser

Roy Mosher  
John F. Anderegg, Jr.  
George F. Palmer  
Charles Ray Pettit  
Leo Dimant  
Donald Ellis Reid  
Philip Spear  
Jasper C. Steed  
Walter W. Vail  
William C. Heller  
Forest E. Wertz  
Merriett E. Young  
Paul E. Lichtwerk

Rev. H. J. Baumgartel and Rev. Father Diamond have both been called from here to other work much to our regret. Their interest was shown by much personal work on the wards, where such service as they rendered is most keenly appreciated.

Entertainments were given at the hospital by the Y. W. C. A., Y. M. C. A., and the North Warren Sunday School.

Acknowledgment of gifts for the use of patients is due to the following donors:

Mrs. F. H. Rockwell  
Miss Martha Ayer  
Mrs. Anna Ayers  
Mrs. J. Allen

Mrs. M. D. Slack  
Miss Minnie Miller  
Miss Mary Brooks  
Miss Stella Kahn

Miss L. Barnes

The following publications have been sent from the publishers: Chicago Bladet, Wilkesbarre Record and Times, Warren Mail (3 copies) Vartland, Bradford Evening Star, Forest Republican, Ridgway Advocate and the Bradford Era.

The growing difficulties of hospital management create a proportionate increase in the sense of gratitude to those who remain in the service and help in maintaining our existing standards.

The continued confidence and support of your Board is the deciding factor in my voluntary continuance as the hospital executive at this time.

Respectfully submitted,

H. W. MITCHELL.

TABLE NO. 2.

Ages of Insane at Admission and at First Attack.

	When Admitted			At First Attack		
	Males	Fems.	Total	Males	Fems.	Total
Under 15 years .....	.....	.....	.....	34	18	52
15 to 20 years .....	14	3	17	29	18	47
20 to 25 years .....	24	13	37	37	34	71
25 to 30 years .....	53	40	93	42	44	86
30 to 35 years .....	63	39	102	47	44	91
35 to 40 years .....	41	35	76	28	30	58
40 to 45 years .....	45	31	76	34	22	56
45 to 50 years .....	38	31	69	16	21	37
50 to 60 years .....	52	58	110	41	27	68
60 to 70 years .....	54	29	83	38	19	57
70 to 80 years .....	38	16	54	24	8	32
Over 80 years .....	3	2	5	1	1	2
Unknown .....	5	1	6	59	12	71
Total .....	430	298	728	430	298	728

TABLE NO. 3.  
Nativity of Those Admitted.

	Males	Fems.	Total
Pennsylvania .....	278	210	488
Connecticut .....	1	.....	1
Georgia .....	3	.....	3
Illinois .....	2	2	4
Iowa .....	.....	1	1
Maine .....	1	1	2
Maryland .....	1	.....	1
Michigan .....	.....	2	2
New Jersey .....	.....	1	1
New York .....	31	21	52
Ohio .....	10	7	17
Virginia .....	1	1	2
West Virginia .....	1	1	2
Total natives .....	329	247	576
Other countries			
Asyria .....	1	.....	1
Australia .....	1	.....	1
Austria .....	20	8	28
Belgium .....	.....	1	1
Bohemia .....	.....	1	1
Canada .....	4	3	7
Denmark .....	2	.....	2
England .....	10	3	13
Finland .....	.....	1	1
Germany .....	11	8	19
Holland .....	1	.....	1
Hungary .....	3	1	4
India .....	.....	1	1
Ireland .....	8	2	10
Italy .....	10	8	18
Macedonia .....	1	.....	1
Montenegro .....	1	.....	1
Norway .....	2	.....	2
Poland .....	1	1	2
Roumania .....	1	.....	1
Russia .....	6	2	8
Scotland .....	3	2	5
Sweden .....	8	5	13
Switzerland .....	.....	1	1
Turkey .....	1	.....	1
Venezuela .....	1	.....	1
Wales .....	.....	1	1
Total foreign .....	96	49	145
Unknown .....	5	2	7
Total .....	430	298	728

TABLE. NO. 4.  
Residence of Those Admitted.

	Males	Fems.	Total
Allegheny .....	11	6	17
Armstrong .....	3	4	7
Beaver .....	11	3	14
Butler .....	11	16	27
Cambrai .....	4	2	6
Cameron .....	2	.....	2
Centre .....	2	1	3
Clarion .....	15	14	29
Clearfield .....	15	10	25
Clinton .....	4	.....	4
Crawford .....	44	29	73
Cumberland .....	1	.....	1
Dauphin .....	2	.....	2
Elk .....	19	16	35
Erie .....	94	68	162
Fayette .....	1	1	2
Forest .....	4	3	7
Indiana .....	2	1	3
Jefferson .....	2	3	5
Lancaster .....	2	.....	2
Lawrence .....	17	17	34
Lycoming .....	.....	1	1
McKean .....	50	27	77
Mercer .....	14	9	23
Philadelphia .....	.....	1	1
Potter .....	13	8	21
Somerset .....	1	1	2
Venango .....	40	17	57
Warren .....	39	31	70
Washington .....	2	1	3
Westmoreland .....	2	6	8
Ontario .....	.....	1	1
New York State .....	3	.....	3
Washington State .....	.....	1	1
Total .....	430	298	728

TABLE NO. 5.  
Occupation of Those Admitted.

	Males	Fems.	Total
Accountant .....	1	.....	1
Advertiser .....	1	.....	1
Aldermen .....	2	.....	2
Banker .....	1	.....	1
Barbers .....	3	.....	3
Bartenders .....	2	.....	2
Blacksmiths .....	5	.....	5
Boiler Makers .....	3	.....	3
Bookkeepers .....	2	.....	2
Brakemen .....	3	.....	3
Bricklayers .....	3	.....	3
Broommaker .....	1	.....	1
Butcher .....	1	.....	1
Carpenters .....	9	.....	9
Cabinet Maker .....	1	.....	1
Carriage Maker .....	1	.....	1
Car Inspector .....	1	.....	1
Chauffeurs .....	2	.....	2
Cigar Makers .....	1	1	2
Civil Engineers .....	2	.....	2
Clerks .....	10	2	12
Compositor .....	1	.....	1
Cooks .....	1	1	2
Contractors .....	3	.....	3
Convent Sister .....	.....	1	1
Coremaker .....	1	.....	1
Cutler .....	1	.....	1
Dairyman .....	1	.....	1
Domestics .....	.....	23	23
Draftsman .....	1	.....	1
Druggists .....	1	1	2
Editors .....	2	.....	2
Electrician .....	1	.....	1
Engineers, R. R. ....	5	.....	5
Evangelist .....	.....	1	1
Farmers .....	59	.....	59
Fireman .....	1	.....	1
Fisherman .....	1	.....	1
Furniture Finishers ..	2	.....	2
Glass Workers .....	3	.....	3
Hair Worker .....	.....	1	1
Hotel Keepers .....	2	.....	2
Housekeepers .....	.....	28	28
Housewives .....	.....	167	167
Janitor .....	1	.....	1
Laborers, General .....	155	.....	155
Lithographer .....	1	.....	1
Liveryman .....	1	.....	1
Laundress .....	.....	1	1

Lumbermen .....	6	.....	6
Machinists .....	11	.....	11
Manufacturers .....	2	.....	2
Merchants .....	3	1	4
Metal Workers .....	3	.....	3
Millers .....	2	.....	2
Milliners .....	.....	2	2
Miners, Coal .....	7	.....	7
Motorman .....	1	.....	1
Moulders .....	8	.....	8
Musicians .....	2	.....	2
No Occupation .....	16	32	48
Nurses .....	.....	7	7
Oil Operators .....	10	.....	10
Painters .....	6	.....	6
Physicians .....	4	.....	4
Plumbers .....	3	.....	3
Preachers .....	2	.....	2
Pressfeeder .....	.....	1	1
Salesmen .....	9	.....	9
Railroad Employees .....	4	.....	4
Seamstresses .....	.....	7	7
Secretaries .....	2	.....	2
Shoemakers .....	2	.....	2
Steel Roller .....	1	.....	1
Stenographers .....	.....	3	3
Stone Masons .....	5	.....	5
Students .....	5	4	9
Tailors .....	2	.....	2
Teachers .....	4	10	14
Tanner .....	1	.....	1
Teamsters .....	2	.....	2
Telephone Operator .....	.....	1	1
Telegraph Operator .....	1	.....	1
Traffic Manager .....	1	.....	1
Undertaker .....	1	.....	1
Veneer Cutter .....	1	.....	1
Veterinarian .....	1	.....	1
Waiter .....	1	.....	1
Waitresses .....	.....	2	2
Watch Maker .....	1	.....	1
Weaver .....	.....	1	1
Unknown .....	1	.....	1
Total .....	430	298	728

TABLE NO. 6.  
Civil Condition of Those Admitted.

	Males	Fems.	Total
Single .....	184	82	266
Married .....	195	158	353
Widowed .....	33	47	80
Divorced .....	9	11	20
Unknown .....	9	.....	9
Total .....	430	298	728

TABLE NO. 7.  
How Committed.

	Males	Fems.	Total
By Friends .....	72	74	146
By Directors of the Poor .....	83	63	146
By County Commissioners .....	165	103	268
By Court .....	85	38	123
By Committee on Lunacy (Transfer) .....	5	8	13
By Voluntary Commitment .....	20	12	32
Total .....	430	298	728

TABLE NO. 8.  
How Supported.

	Males	Fems.	Total
By Friends .....	115	89	204
By Directors of the Poor .....	86	66	152
By County Commissioners .....	229	143	372
Total .....	430	298	728



TABLE NO. 9.  
Assigned Causes of Insanity.

	Males	Fems.	Total
Alcoholism .....	84	4	88
Alcoholism and arteriosclerosis .....	6	.....	6
Alcoholism, arteriosclerosis and senility .....	1	.....	1
Alcoholism and drugs .....	1	1	2
Arteriosclerosis .....	33	14	47
Arteriosclerosis and senility .....	15	4	19
Arteriosclerosis and Trauma .....	1	.....	1
Brain tumor .....	1	.....	1
Cerebro-spinal meningitis .....	1	.....	1
Congenital deficiency .....	2	1	3
Drug Habit—Morphine .....	2	2	4
Epilepsy .....	5	6	11
Heredity .....	75	113	188
Heredity and alcoholism .....	12	2	14
Heredity and arteriosclerosis .....	.....	6	6
Heredity, drugs and ill health .....	2	.....	2
Heredity and goitre .....	.....	1	1
Heredity and ill health .....	1	7	8
Heredity and senility .....	2	.....	2
Heredity and syphilis .....	2	.....	2
Heredity and worry .....	2	.....	2
Ill Health .....	7	7	14
Not assigned .....	105	103	208
Senility .....	13	13	26
Syphilis .....	54	14	68
Trauma .....	3	.....	3
Total .....	430	298	728

TABLE NO. 10.  
Forms of Disease of Those Admitted.

	Males	Fems.	Total
Infective exhaustive psychosis .....	2	2	4
Alcoholic psychosis .....	60	6	66
Drug and other toxic psychosis .....	4	3	7
General paralysis of the insane .....	53	12	65
Psychosis with gross brain lesion .....	55	16	71
(Organic dementia)			
Dementia praecox .....	74	71	145
Depression, undifferentiated .....	7	9	16
Senile psychosis .....	17	25	42
Manic-depressive psychosis .....	29	97	126
Paranoiac condition .....	4	2	6
Hysterical psychosis .....	1	3	4
Epileptic psychosis .....	14	8	22
Constitutional psychopathy .....		1	1
Imbecility .....	22	15	37
Habit cases: Drugs .....	2	1	3
Alcohol .....	19	1	20
Not insane .....	1	1	2
Huntington's chorea .....	1		1
Unclassified psychosis .....	65	25	90
Total .....	430	298	728

TABLE NO. 11.  
Number of Admissions and of Attacks.

	Admissions			Attacks		
	Males	Fems.	Total	Males	Fems.	Total
First .....	369	238	607	329	219	548
Second .....	41	41	82	25	42	67
Third .....	8	10	18	11	13	24
Fourth .....	6	4	10	6	4	10
Fifth .....	3	1	4	3	6	9
Sixth .....	2	.....	2	.....	.....	.....
Seventh .....	1	.....	1	.....	.....	.....
Eighth .....	.....	1	1	1	.....	1
Ninth .....	.....	2	2	.....	2	2
Tenth .....	.....	1	1	.....	1	1
Unknown .....	.....	.....	.....	55	11	66
Total .....	430	298	728	430	298	728

TABLE NO. 12.  
Duration of Insanity Previous to Admission.

	Males	Fems.	Total
Under one month .....	21	29	50
1 to 3 months .....	30	28	58
3 to 6 months .....	29	28	57
6 to 12 months .....	32	22	54
1 to 2 years .....	46	39	85
2 to 5 years .....	76	43	119
5 to 10 years .....	52	40	92
10 to 20 years .....	42	21	63
Over 20 years .....	35	25	60
Unknown .....	67	23	90
Total .....	430	298	728

TABLE NO. 13.  
Age When Attacked of Those Restored.

	Males	Fems.	Total
Under 15 years .....	2	2	4
15 to 20 years .....	4	5	9
20 to 25 years .....	4	11	15
25 to 30 years .....	6	6	12
30 to 35 years .....	6	11	17
35 to 40 years .....	2	1	3
40 to 45 years .....	4	10	14
45 to 50 years .....	5	11	16
50 to 60 years .....	3	1	4
60 to 70 years .....		1	1
70 to 80 years .....		1	1
Over 80 years .....			
Unknown .....		1	1
Total .....	36	60	96

TABLE NO. 14.  
Duration of Disease Before Treatment of Those Restored.

	Males	Fems.	Total
Under 1 month .....	12	14	26
1 to 3 months .....	5	13	18
3 to 6 months .....	3	11	14
6 to 12 months .....	1	7	8
1 to 2 years .....	1	5	6
2 to 5 years .....	2	3	5
5 to 10 years .....	6	1	7
10 to 20 years .....	3	.....	3
Over 20 years .....	2	1	3
Unknown .....	1	5	6
Total .....	36	60	96

TABLE NO. 15.

## Duration of Treatment of Those Restored.

	Males	Fems.	Total
Under one month .....	1	1	2
1 to 3 months .....	5	5	10
3 to 6 months .....	15	12	27
6 to 12 months .....	7	30	37
1 to 2 years .....	7	7	14
2 to 5 years .....	1	3	4
5 to 10 years .....		2	2
10 to 20 years .....			
Over 20 years .....			
Total .....	36	60	96

TABLE NO. 16.

## Assigned Causes of Disease of Those Restored.

	Males	Fems.	Total
Alcoholism .....	21	3	24
Alcoholism and Syphilis .....	1		1
Drug Habit: Morphine .....	2	3	5
Opium .....		1	1
Paregoric .....		1	1
Heredity .....	1	23	24
Heredity and Alcoholism .....	2	1	3
Heredity and Surgical Trauma .....		1	1
Ill Health .....	1	6	7
Not assigned .....	7	21	28
Syphilis .....	1		1
Total .....	36	60	96

TABLE NO. 17.  
Nativity of Those Restored.

	Males	Fems.	Total
Pennsylvania .....	25	46	71
Michigan .....		2	2
New York .....		3	3
Ohio .....	3	.....	3
Virginia .....		1	1
West Virginia .....		1	1
Wisconsin .....	1	.....	1
Total natives .....	29	53	82
Other Countries.			
Austria .....	1	1	2
Canada .....	1	1	2
England .....		1	1
Greece .....	1	.....	1
Italy .....	3	1	4
Russia .....		1	1
Sweden .....		2	2
Venezuela .....	1	.....	1
Total foreign .....	7	7	14
Total .....	36	60	96

TABLE NO. 18.  
Causes of Death.

	Males	Fems.	Total
General Diseases.			
Acute miliary tuberculosis .....	2	.. ..	2
Erysipelas .....	1	1	2
Pernicious anaemia .....		1	1
Peritonitis .....		1	1
Pyemia .....		1	1
Septicemia, Decubitus .....		1	1
General .....	2	.....	2
Knee Joint .....	1	.....	1
Unknown Origin .....		1	1
Carcinoma, Breast .....		1	1
Face .....		1	1
Diseases of the Nervous System.			
Cerebral hemorrhage .....	14	8	22
General paralysis of the insane .....	50	10	60
Status epilepticus .....	5	4	9
Diseases of the Circulatory System.			
Acute dilatation of the heart.....	3	3	6
Chronic myocarditis .....	43	36	79
Fatty degeneration of the heart .....	1	1	2
Valvular heart disease .....	1	.....	1
Diseases of the Respiratory System.			
Acute bronchitis .....	1	.....	1
Broncho-pneumonia .....	8	32	40
Congestion and oedema of the lungs.....	7	.....	7
Lobar pneumonia .....	2	1	3
Pulmonary tuberculosis .....	7	7	14
Pleurisy, (purulent) .....		1	1
Diseases of the Digestive System.			
Adenoma of intestines with metastasis.....		1	1
Carcinoma of the stomach and liver.....		1	1
Cirrhosis of the liver.....	2	.....	2
Diarrhoea and enteritis .....	1	1	2
Gastric ulcer (hemorrhage).....		1	1
Diseases of the Genito-Urinary System.			
Acute nephritis .....	2	.....	2
Chronic parenchymatous nephritis.....	2	.....	2
Chronic interstitial nephritis.....	5	.....	5
Carcinoma of uterus and bladder.....		1	1
Pyonephrosis .....	2	.....	2
Vesical hemorrhage .....		1	1
Accidents.			
Fractured skull .....	1	.....	1
Strangulation while eating .....	1	.....	1
Suicides.			
Hanging .....	1	1	2
Cut throat .....	1	.....	1
Strangulation .....	1	1	2
Total .....	167	119	286



TABLE NO. 19.  
Ages at Death.

	Males	Fems.	Total
Under 15 years .....			
15 to 20 years .....	1		1
20 to 25 years .....	3	2	5
25 to 30 years .....	3	6	9
30 to 35 years .....	11	5	16
35 to 40 years .....	9	11	20
40 to 45 years .....	15	3	18
45 to 50 years .....	16	9	25
50 to 60 years .....	38	19	57
60 to 70 years .....	39	26	65
70 to 80 years .....	27	29	56
Over 80 years .....	5	9	14
Total .....	167	119	286

TABLE NO. 20.  
Duration of Disease of Those Who Died.

	Males	Fems.	Total
Under one month .....	3	4	7
1 to 3 months .....	5	2	7
3 to 6 months .....	7	4	11
6 to 12 months .....	9	2	11
1 to 2 years .....	18	9	27
2 to 5 years .....	45	19	64
5 to 10 years .....	33	20	53
10 to 20 years .....	13	15	28
Over 20 years .....	17	27	44
Unknown .....	17	17	34
Total .....	167	119	286

TABLE NO. 21.

Ages of Those Remaining in the Hospital at the  
End of the Biennial Period.

	Males	Fems.	Total
Under 15 years .....	5	3	8
15 to 20 years .....	16	12	28
20 to 25 years .....	74	45	119
25 to 30 years .....	101	68	169
30 to 35 years .....	84	70	154
35 to 40 years .....	106	79	185
40 to 45 years .....	105	84	189
45 to 50 years .....	152	171	323
50 to 60 years .....	97	132	229
60 to 70 years .....	42	59	101
70 to 80 years .....	7	18	25
Over 80 years .....	22	17	39
Unknown .....			
Total .....	811	758	1569

TABLE NO. 22.

Duration of Disease of Those Remaining in the  
Hospital at the End of the Biennial Period.

	Males	Fems.	Total
Under one month .....	1	1	2
1 to 3 months .....	8	12	20
3 to 6 months .....	17	12	29
6 to 12 months .....	36	31	67
1 to 2 years .....	90	82	172
2 to 5 years .....	141	145	286
5 to 10 years .....	220	178	398
10 to 20 years .....	177	217	394
Over 20 years .....	121	79	200
Unknown .....			
Total .....	811	758	1569

## Report of Treasurer

Warren, Pa., June 19, 1918.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Treasurer respectfully submits the following summary of the receipts and expenditures for the biennial period ending May 31st, 1918.

### MAINTENANCE ACCOUNT.

#### Receipts.

From State Appropriation for the support of Indigent Patients for the biennial period ending May 31st, 1918.....	\$391,083.21	
From Counties, Townships and Municipalities for support of Indigent Patients....	306,039.01	
From Private Patients.....	92,897.72	
From Other Sources .....	14,722.81	
	<hr/>	\$804,742.75

#### Expenditures.

Superintendent's Orders Paid .....	804,742.75
Balance cash on hand May 31st, 1918 .....	<hr/> 0.00

### SPECIAL APPROPRIATION ACCOUNTS.

#### Receipts From State Treasurer.

Erection of Verandas' Account.....	\$ 5,000.00	
Addition to Kitchen Account.....	453.48	
Vacuum System Account.....	224.80	
Completion of Sewage Account.....	2,000.00	
Addition to Farming Land Account.....	10,000.00	
Vegetable Cellar Account.....	1,978.57	
Automobile Garage Account.....	974.46	
	<hr/>	\$ 20,631.31

#### Expenditures.

Superintendent's orders paid on the several accounts .....	\$ 20,631.31
Balance cash on hand May 31st, 1918 .....	<hr/> 0.00

Very respectfully,

F. E. HERTZEL,  
Treasurer.

## Steward's Report

Warren, Pa., June 21st, 1918.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Steward respectfully submits the following report  
for the biennial period ending May 31st, 1918.

### MAINTENANCE ACCOUNT.

#### Analysis of Expenses.

#### Salaries, Wages and Labor.

Medical Service .....	\$ 38,123.12	
General Administration .....	89,985.23	
Ward Services .....	96,823.17	
Repairs and Improvements .....	30,489.56	
Farm Stable and Grounds.....	43,086.86	
		\$298,507.94

#### FOOD.

Butter .....	\$43,976.89	
Beans .....	7,634.47	
Bread and crackers .....	533.99	
Cereals, rice, meal, etc. ....	14,001.65	
Cheese .....	4,724.11	
Eggs .....	8,635.07	
Flour .....	34,179.62	
Fish .....	3,814.70	
Fruit (dried and fresh) .....	9,202.55	
Lard .....	3,614.48	
Meat .....	35,233.26	
Milk .....	1,228.00	
Molasses and syrup .....	2,070.13	
Spices, seasonings, salt, etc. ....	2,492.67	
Sugar .....	14,489.38	
Tea, coffee, cocoa, etc. ....	5,544.95	
Vegetables .....	15,546.92	
Yeast .....	1,009.22	
Sundries .....	14.23	
		\$207,946.29

#### CLOTHING AND CLOTHING MATERIALS.

Boots, shoes and rubbers .....	\$ 5,419.43	
Clothing .....	7,998.19	
Dry Goods for clothing and small wares..	15,943.80	
Furnishing goods .....	5,767.63	
Hats and caps .....	264.81	
Leather and shoe findings .....	497.79	
Materials and machinery for manufacturing	133.95	
Sundries .....	174.77	
		\$ 36,200.37

## FURNISHINGS.

Beds, bedding, table linen, etc. ....	\$ 30,070.71	
Brooms, brushes, ect. ....	2,076.53	
Carpets, rugs, etc. ....	1,243.41	
Crockery, glassware, cutlery, etc. ....	2,020.30	
Furniture and upholstery ....	2,637.68	
Kitchen furnishings ....	1,453.96	
Materials and machinery for manufacturing	492.79	
Wooden ware, buckets, pails, etc. ....	261.15	
Sundries ....	202.12	
	<hr/>	\$ 40,458.65

## HEAT, LIGHT AND POWER.

Coal ....	\$ 50,942.32	
Freight on Coal ....	29,322.13	
Gas ....	13,562.76	
Oil and Fuel Oil ....	822.12	
Sundries ....	1,595.08	
	<hr/>	\$ 96,244.41

## REPAIRS AND IMPROVEMENTS.

Brick ....	\$ 25.50	
Cement, lime and plaster ....	586.31	
Doors, sashes, etc. ....	361.57	
Electrical work and supplies ....	2,699.29	
Hardware, iron, steel, etc. ....	4,112.09	
Lumber ....	621.56	
Machines, (detached) ....	7,666.30	
Paints, oils, glass, etc. ....	3,629.08	
Plumbing, steam fitting and supplies ....	8,110.41	
Roofing and materials ....	958.76	
Sundries ....	17.30	
	<hr/>	\$ 28,788.17

## FARM, STABLE AND GROUNDS.

Automobile supplies ....	\$ 1,414.87	
Blcksmithing and supplies ....	186.94	
Carriages, wagons, etc., and repairs ....	251.38	
Fertilizers, vines, seeds, etc. ....	9,269.57	
Hay, grain, etc. ....	47,950.41	
Harnesses and repairs ....	357.93	
Horses ....	234.00	
Cows ....	1,021.35	
Other live stock ....	202.56	
Rent ....	293.00	
Tools, farm machines, etc. ....	3,667.61	
Sundries ....	1,602.89	
	<hr/>	\$ 66,452.51

## MISCELLANEOUS.

Books, periodicals, etc. ....	\$ 1,351.00	
Cuspidor Supplies ....	115.20	
Entertainments ....	2,715.17	
Freight, expressage and transportation ....	797.14	

# REPORT OF STEWARD

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Hose etc. ....	304.03	
Medicine and hospital supplies .....	5,909.99	
Medical attendance, nurses, etc. ....	354.21	
Manual training supplies .....	4.75	
Postage .....	2,494.69	
Printing and printing supplies .....	1,794.39	
Printing annual report .....	209.72	
Religious services .....	120.00	
Return of runaways .....	216.21	
Soap and laundry supplies .....	12,485.87	
Stationery and office supplies .....	2,264.44	
School books and school supplies .....	69.30	
Travel and expenses, (officials) .....	1,939.49	
Telephone and telegraph .....	1,003.32	
Tobacco .....	5,517.49	
Sundries .....	5,340.49	
		<u>\$ 45,006.90</u>
Total expenses for maintenance.....		\$819,605.24
Excess of expenses over income June 1, 1916 .....		2,426.58
Total .....		<u>\$822,031.82</u>

## INCOME.

Charges to the Commonwealth for the support of Indigent Patients. 145,856 3-7 weeks @ \$2.50 .....	\$364,641.07	
Received from the Commonwealth to meet deficiency in maintenance account for the biennial period ending May 31st, 1917 .....	18,000.00	
		<u>\$382,641.07</u>
Charges to counties and municipalities, 62,997 4-7 weeks @ \$1.75.....	\$110,245.75	
Charges to counties and municipalities, 82,858 6-7 weeks @ \$2.50.....	207,147.20	
Charges to counties and Municipalities for funeral and burial expenses.....	857.97	
		<u>\$318,250.92</u>
Charges to private patients .....		86,161.82

## INCOME FROM OTHER SOURCES.

### Sales—

Foods .....	\$ 605.24	
Clothing materials .....	269.49	
Furnishings .....	164.97	
Heat, light and power .....	2,370.72	
Repairs and improvements..	1,695.35	
Miscellaneous .....	1,063.79	
		<u>\$ 6,169.56</u>

## Sales—

## Farms, Stable and Grounds

Cows and calves .....	\$ 3,874.57	
Pigs and hogs .....	2,561.38	
Vegetables .....	377.70	
Sand and gravel .....	351.50	
Use of teams .....	58.50	
Sundries .....	855.74	
	<hr/>	\$ 8,079.39

## MISCELLANEOUS RECEIPTS.

Rent .....	\$ 368.86		
Burial and funeral .....	105.00	\$ 473.86	\$ 14,722.81
	<hr/>	<hr/>	<hr/>
			\$801,776.62
Excess of expenses over income June 1st, 1918.....			20,255.20
			<hr/>
Total .....			\$822,031.82

## SPECIAL APPROPRIATION ACCOUNTS.

Erection of verandas account—	
Materials and labor in erection of verandas.....	\$ 5,000.00
Addition to kitchen account—	
Kitchen equipment—aluminum steam jacketed cookers and connections for same.....	453.48
Vacuum system account—	
Materials and labor in installing vacuum system.....	224.80
Completion of sewage system account—	
Materials and labor in completion of sewage system...	2,000.00
Addition to farming land account—	
Purchase of additional farming land.....	10,000.00
Vegetable cellar account—	
Materials and labor in construction of vegetable cellar	1,978.57
Automobile garage—	
Materials and labor in construction of automobile garage	974.46
	<hr/>
Total .....	\$ 20,631.31



## SUMMARY.

## Maintenance Account.

Quarter Ending	Charge to Commonwealth	Charge to Counties, Townships, and Municipalities	Charge to Private Patents	Received from Other Sources	Income	Expenses	Excess of Expenses Over Income	Excess of Income over Expenses
Aug. 31, 1916	\$ 45,952.50	\$ 32,209.25	\$11,131.77	\$ 729.94	\$ 90,023.46	\$ 88,170.48	\$ 7,409.92	\$1,852.98
Nov. 30, 1916	44,841.79	31,547.78	10,909.40	741.75	88,040.72	95,450.64	\$ 7,409.92	
Feb. 28, 1917	44,960.71	31,573.30	10,758.49	666.84	87,959.34	92,464.92	4,505.58	
May 31, 1917	46,450.71	39,958.05	10,599.35	2,484.29	99,492.40	105,003.30	5,510.90	
Aug. 31, 1917	46,952.50	47,052.52	10,725.37	1,153.71	105,884.10	118,419.25	12,535.15	
Nov. 30, 1917	45,836.07	45,973.52	10,674.02	1,472.00	103,955.61	105,138.28	1,182.67	
Feb. 28, 1918	44,438.93	44,570.90	10,802.68	3,620.48	103,432.99	105,433.22	2,000.23	
May 31, 1918	45,207.86	45,365.60	10,560.74	3,853.80	104,988.00	109,525.15	4,537.15	
Total ....	\$364,641.07	\$318,250.92	\$86,161.82	\$14,722.81	\$783,776.62	\$819,605.24	\$37,681.60	\$1,852.98

Excess of expenses over income for the biennial period ending May 31st

1918 ..... \$ 35,828.62

Excess of expenses over income June 1, 1916..... 2,426.40

\$ 38,255.20

Received from the Commonwealth to meet deficiency in Maintenance Account for the biennial period ending May 31st, 1917..... 18,000.00

Excess of expenses over income June 1, 1918..... \$ 20,255.20

## STATEMENT OF WEEKS CHARGED.

	Weeks charged to Private Patients	Weeks charged to Indigent Patients	Total weeks	Total Income
Quarter ending Aug. 31, 1916.....	1,704 4-7	18,381	20,085 4-7	\$ 90,023.46
Quarter ending Nov. 30, 1916.....	1,665 6-7	17,936 5-7	19,602 4-7	88,040.72
Quarter ending Feb. 28, 1917.....	1,625 6-7	17,984 2-7	19,610 1-7	87,959.34
Quarter ending May 31, 1917.....	1,676 5-7	18,580 2-7	20,257	99,492.40
Quarter ending Aug. 31, 1917.....	1,577 2-7	18,781	20,358 2-7	105,884.10
Quarter ending Nov. 30, 1917.....	1,643	18,334 3-7	19,977 3-7	103,955.61
Quarter ending Feb. 28, 1918.....	1,638 4-7	17,775 4-7	19,414 1-7	103,432.99
Quarter ending May 31, 1918.....	1,588 6-7	18,083 1-7	19,672	104,988.00
Total .....	13,120 5-7	145,856 3-7	158,977 1-7	\$783,776.62

## CASH SUMMARY ACCOUNT.

Quarter Ending	Received from Commonwealth	Received from Counties, Townships and Municipalities	Rec'd from Private Patients	Rec'd from Other Sources	Total Receipts	Total Disburse- ments
Aug. 31, 1916.....	\$ 43,650.36	\$ 33,180.55	\$ 12,563.73	\$ 729.94	\$ 90,124.58	\$ 90,124.58
Nov. 30, 1916.....	55,952.50	31,027.03	12,215.79	741.75	99,937.07	99,937.07
Feb. 28, 1917.....	44,841.79	32,907.55	11,178.77	666.84	89,594.95	89,594.95
May 31, 1917.....	44,960.71	31,517.00	11,284.05	2,484.29	90,246.05	90,246.05
Aug. 31, 1917.....	64,450.35	39,887.05	11,769.04	1,153.71	117,260.15	117,260.15
Nov. 30, 1917.....	46,952.50	47,083.25	11,579.87	1,472.00	107,087.62	107,087.62
Feb. 28, 1918.....	45,836.07	45,962.10	10,899.71	3,620.48	106,318.36	106,318.36
May 31, 1918.....	44,438.93	44,474.48	11,406.76	3,853.80	104,173.97	104,173.97
Total .....	\$391,083.21	\$306,039.01	\$92,897.72	\$14,722.81	\$804,742.75	\$804,742.75

## REPORT OF STEWARD

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SUMMARY.  
Special Appropriations.

NAME OF APPROPRIATION	Act of General Assembly	Amount of Appropriation Granted	Amount of App'n ex- pended pre- vious to June 1, 1917	Amount of Appropriation remaining in State Treasury June 1, 1917	Amount of App'n rec'd from State Treasury and Expended during year ending May 31, 1918	Balance of App'n remaining in State Treas- ury June 1, 1918
Furnishing and Completing Superintendent's Residence .....	No. 471, 1915	\$ 3,000.00	\$ 3,000.00	.....	.....	.....
Erection of Verandas .....	" " "	5,000.00	5,000.00	.....	.....	.....
Addition to Kitchen .....	" " "	10,000.00	10,000.00	.....	.....	.....
Vacuum System .....	" " "	2,500.00	2,500.00	.....	.....	.....
Completion of Sewage System.....	" " "	2,000.00	2,000.00	.....	.....	.....
Reception and Treatment Building	No. 397A, '17	150,000.00	.....	.....	.....	\$150,000.00
Male Attendants' Dormitory Bldg..	" " "	25,000.00	.....	.....	.....	25,000.00
Hospital Furniture and Fixtures..	" " "	10,000.00	.....	.....	.....	10,000.00
Addition to Farming Land .....	" " "	10,000.00	.....	.....	\$10,000.00	.....
Vegetable Cellar .....	" " "	2,500.00	.....	.....	1,978.57	521.43
Automobile Garage .....	" " "	1,500.00	.....	.....	974.46	525.54
		\$221,500.00	\$22,500.00	.....	\$12,953.03	\$186,046.97

## INVENTORY

## Personal Property—

Including Provisions, Supplies, Furnishings and  
Equipment .....\$ 269,917.01

## Real Estate—

Land ..... 107,400.00

## Buildings—

Including all Buildings for Patients, Employees, Farm,  
Power Plant, etc. .... 1,498,725.00

## Betterments—

Including Water Works, Electric Lighting Plant. Heat-  
ing System, Sewage and Drainage System, Pavements  
and Iron Fences ..... 254,000.00

Total Inventory .....\$2,130,042.01

PRODUCTION OF THE FARM AND GARDEN FOR THE  
BIENNIAL PERIOD ENDING MAY 31, 1918.

## VEGETABLES, FRUIT, ETC.

Asparagus, 580 dozen bunches .....	\$ 93.90
Beans, Green, 150 bushels .....	225.00
Beans, Snap, 53 bushels .....	79.00
Beets, 225 bushels .....	261.25
Cabbage, 53 tons .....	2,798.50
Carrots, 136 bushels .....	137.00
Cauliflower, 759 heads .....	82.35
Celery, 3,888 dozen bunches .....	1,444.00
Corn, Sweet, 438 bushels .....	438.00
Cucumbers, Fresh, 189 bushels .....	235.25
Cucumbers, Pickles, 5 barrels .....	50.00
Egg Plant, 401 .....	70.10
Lettuce, 530½ bushels .....	719.99
Onions, Dry, 110 bushels .....	290.00
Onions, Green, 1,784 bunches .....	131.03
Onions, Green 54 bushels .....	108.00
Onions Sets, 18 bushels .....	67.50
Parsley, 2 bushels .....	4 00
Parsnips, 50 bushels .....	60 00
Peas, 114 bushels .....	76.00
Peppers, 5 bushels .....	25.00
Pickles, 13 barrels .....	104.00
Potatoes, 4,976 bushels .....	4,976.00
Radishes, 25 bushels .....	75.00
Radishes, 4,110 dozen bunches.....	232.00
Rhubarb, 285 bushels .....	208.10
Rutabagas, 48½ bushels .....	36.37
Squash, Summer, 50 cwt. ....	75.00
Squash, Winter, 84 cwt. ....	125.55
Strawberries, 28,399 quarts .....	2,953.30
Tomatoes, Fresh, 544½ bushels .....	734.50
Tomatoes, Pickles, 4 barrels.....	24.00

# REPORT OF STEWARD

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Turnips, 6½ bushels .....	4.87
Vegetable Oysters, 12 bushels .....	12.00
Sauerkraut, 19 barrels .....	228.00
Apples, 577 bushels .....	518.50
Apples, Cider, 70 gallons .....	17.50

\$17,720.56

## MILK, PORK, BEEF, ETC.

Milk to Hospital, 898,136 quarts.....	\$ 44,727.88
Cream to Hospital, 1,612 quarts.....	483.60
Whole Milk to Calves, 39,642 quarts.....	2,009.50
Skimmed Milk to Calves, 11,438 quarts.....	171.57
Pork, 48,014 pounds.....	7 943.22
Beef, 39,149 pounds.....	5,031.55
Veal, 3,072 pounds .....	601.51
Eggs, 3,180 dozen .....	1,325.07
Eggs for Hatching, 660 dozen.....	251.00
Poultry, 5,770 pounds .....	1,209.98

\$63,754.88

## HAY, GRAIN AND FEED.

Oats, 5,200 bushels .....	\$ 2,860.00
Oats and Peas, Ensilage, 20 tons.....	100.00
Barley, 80 bushels .....	100.00
Hay, mixed, 250 tons .....	3,000.00
Hay, Timothy, 300 tons.....	3,000.00
Hay, Clover, 80 tons.....	1,200.00
Straw, 80 tons .....	800.00
Corn, Ensilage, 898 tons .....	4,490.00
Pumpkins, 10 tons .....	25.00
Buckwheat, unthreshed, 2 tons.....	40.00
Green Feed, 50 tons .....	150.00

\$15,765.00

## MISCELLANEOUS.

Ice, 290 tons .....	\$ 580.00
Wood to Power House, 244 cords.....	838.00
Wood on Hand, 200 cords.....	1,000.00
Teaming for Hospital, 601 days.....	3,005.00
Sand and Gravel to Hospital, 359 loads.....	650.00

### Sales—

Cows and Calves .....	3,874.57
Pigs and Hogs .....	2,561.38
Vegetables .....	377.70
Sand and Gravel .....	351.50
Use of Teams.....	58.50
Sundries .....	855.74

\$ 14,152.39

Total .....\$111,392.83

## AVERAGE YIELDS PER ACRE DURING THE YEAR 1916.

Ensilage Corn .....	3½ tons
Oats .....	37 bushels
Hay .....	1.7 tons
Potatoes .....	19 bushels

## AVERAGE YIELDS PER ACRE DURING THE YEAR 1917.

Ensilage Corn .....	5.94 tons
Oats .....	21.50 bushels
Potatoes .....	100 bushels
Hay .....	2.53 tons

## AMOUNT OF LAND UNDER CULTIVATION JUNE 1ST, 1917.

Beans .....	1 acre
Buckwheat .....	10 acres
Barley .....	3.9 acres
Corn .....	73.6 acres
Hay .....	167 acres
Oats .....	93.4 acres
Oats—Peas .....	32.8 acres
Potatoes .....	65.4 acres
Rye .....	.2 acres
Strawberries .....	4.3 acres
Vegetables .....	20.9 acres
Wheat .....	.5 acres

## AMOUNT OF LAND UNDER CULTIVATION JUNE 1ST, 1918.

Stock Beets .....	8.8 acres
Corn .....	115.8 acres
Hay .....	159.4 acres
Oats .....	132.7 acres
Spring Rye .....	11 acres
Potatoes .....	61 acres
Strawberries .....	1 acre
Vegetables .....	23.3 acres

## LIVE STOCK JUNE 1, 1918.

Work Horses .....	17
Driving Horses .....	6
Yearling Colts .....	2
Sucking Colts .....	2
Milk Cows—	
Pure Bred Cows .....	28
Grade Cows .....	85
Pure Bred Heifers, 2 years old .....	3
Pure Bred Heifers, 1 year old .....	8
Pure Bred Heifers, 6-12 months .....	3
Pure Bred Heifers, 3-6 months .....	1
Pure Bred Heifers, under 3 months .....	4
Grade Heifers, 2 years old .....	0
Grade Heifers, 1 year old .....	33
Grade Heifers, 6-12 months .....	5
Grade Heifers, 3-6 months .....	3
Grade Heifers, under 3 months .....	3

# REPORT OF STEWARD

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Pure Bred Bulls, 2 years old.....	1
Pure Bred Bulls, 1 year old.....	1
Pure Bred Bulls, 6-12 months.....	5
Pure Bred Bulls, 3-6 months.....	4
Pure Bred Bulls, under 3 months.....	0
Grade Bulls, under 3 months.....	7
Steers, 1 year old.....	11
Brood Sows.....	44
O. I. C. Boar.....	1
Chester White Boar.....	1
Shoats.....	157
Pigs, 3 to 6 weeks old.....	124
Hens and Roosters.....	436
Baby Chicks.....	1,210
Ducks.....	25

## GREEN HOUSE PRODUCTION FOR THE BIENNIAL PERIOD ENDING MAY 31ST, 1918.

Roses.....	14,232
Carnations.....	55,332
House Plants.....	7,964
Greens.....	1,132 dozen
Calla Lilies.....	1,529
Chrysanthemums.....	3,496
Gladiolies, Antirrhinum.....	8,528
Sweet Peas and Violets.....	6,930
Mixed Flowers.....	6,092

## GARDEN FLOWERS.

Asters.....	10,162
Dahlias.....	1,843
Gladiolies.....	4,123
Sweet Peas.....	4,130
Mixed Flowers.....	8,809
Bedding Plants.....	29,000

Respectfully submitted,

C. A. WHEELOCK,  
Steward.



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## A P P E N D I X

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## Admission of Patients

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1. The admission of patients is governed by law, and the attention of applicants is directed to the following provisions of the Act of Assembly approved May 8, 1883, to-wit:

“No person shall be received as a patient for treatment or for detention into any house or place where more than one person is detained for compensation, without a certificate signed by at least two physicians, residents in this Commonwealth, who have been actually in the practice of medicine for at least five years, both of whom shall certify that they have examined separately the person alleged to be insane, and after such an examination had do verily believe the person is insane, and that the disease is of a character, which, in their opinion, requires that the person should be placed in a Hospital or other establishment where the insane are detained for care and treatment and that they are not related by blood or marriage to the person alleged to be insane, nor in any way connected as a medical attendant or otherwise with the Hospital or other establishment in which it is proposed to place such person.”

The certificate above provided for shall be made within one week of the examination of the patient and within two weeks of the time of admission of the patient, and shall be duly sworn to or affirmed before a judge or magistrate of this Commonwealth and the county where such person has been examined, who shall certify to the genuineness of the signatures, and to the standing and good repute of the signers, and any person falsely certifying as aforesaid shall be guilty of a misdemeanor and also liable, civilly, to the party aggrieved.

No person alleged to be insane shall be received into any house for treatment or detention unless at the time of such reception the person or persons at whose instance the person is received shall by writing signed, state that the person is being removed and is to be detained at his or her request under belief that such detention is necessary and for the benefit of the insane person.

There shall also be delivered to the person or persons having supervision or charge of the house a written statement of the following facts relative to the person to be detained, signed by the person or

persons at whose instance the insane person is being removed and detained, or if the facts be not known it shall be so stated:

- (1) The name.
- (2) Age.
- (3) Residence for the past year, or for such thereof as is known.
- (4) Occupation, trade or employment.
- (5) Parents, if living.
- (6) Husband or wife.
- (7) Children.
- (8) Brothers and sisters, and the residence of each of these persons.
- (9) If not more than one of these classes is known, the names and residence of such of the next degree of relatives that are known.
- (10) A statement of the time at which the insanity has been supposed to exist, and the circumstances that induce the belief that insanity exists.
- (11) Name and address of all medical attendants of the patient during the last two years.

2. Whenever a patient is sent to the Hospital by the order of any Court, Justice, Judge, Directors of the Poor of a county, or the Overseers of the Poor of a township or poor district, the order or warrant, or a copy thereof, by which such person is sent, shall be lodged with the Superintendent.

3. All insane persons, residing in the district, who apply for admission with proper papers, and are willing and able to pay their expenses shall be admitted and furnished accommodations. Payment of board for thirteen weeks in advance shall be made for such patient when brought to the Hospital.

4. Each patient before admission shall be made perfectly clean and be free from vermin or any contagious or infectious disease.

5. Each male patient shall be provided with at least three new shirts, a new and substantial coat, vest and pantaloons, of strong woolen cloth, three pairs of woolen socks, a black stock or cravat, a good hat or cap, a pair of new shoes or boots, together with a comfortable outside garment.

6. Each female patient, in addition to the same quality of undergarments, shoes and stockings, shall have a flannel petticoat, two good dresses, also a coat or other outside garment. In case the pa-

tient is so much excited as not to admit of being thus clothed, other clothing that can be kept on that is comfortable and in sufficient quantities, with a change thereof, may be substituted.

7. It is very desirable that extra and better apparel should be sent with those accustomed to it, that when their health is improved, and when they attend religious worship, walk or ride out, their self-respect may be preserved. In all cases the patients' best clothing should be sent; it will be carefully preserved, and only used when it is deemed necessary for the purposes above mentioned. Jewelry and all superfluous articles of dress, knives and like property, should be left at home.

8. A written history should be sent with the patient, and if possible, some one acquainted with the patient should accompany him or her to the Hospital, from whom minute, but often, essential particulars may be learned.

9. The price of boarding, including washing, mending and attention for all who are supported by the authorities of the counties and townships, will be the amount required by law. For private patients hereafter admitted, the price of board, attendance and treatment will vary from seven dollars a week upwards, according to expense incurred. For patients sent by the public authorities, payment will be required at the end of each quarter.

10. In all cases of private patients, one quarterly payment for board and expense must be made in advance and a bond given with approved security conditioned for the payment of future quarterly installments in like manner and also for the removal of the patient when discharged, which bond shall be delivered by the Superintendent to the Secretary of the Board. In the absence of such quarterly payment in advance and the accompanying bond as aforesaid, the patient shall not be received into the Hospital, and it shall be the duty of the Secretary to see that the collection of said bonds, according to their condition, is strictly enforced.

11. In case of death, the parties responsible for the expenses of the patient will be notified by letter or telegraph, and if no response is received the patient will be cared for as the law directs.

#### ANATOMICAL LAW ENACTED JUNE 13, 1883.

Sec. 2. All public officers, agents and servants, and all officers, agents and servants of any and every county, city, township, borough, district and other municipality and of any and every almshouse, prison, morgue, hospital, or other public institution having charge or control over dead human bodies required to be buried at the public expense,

are hereby required to notify the said board of distribution, or such person or persons as may from time to time be designated by said board, or its duly authorized officer, or agent, whenever any such body or bodies come into his or their possession, charge or control, and shall, without fee or reward, deliver such body or bodies, and permit and suffer the said board and its agents, and the physicians and surgeons from time to time designated by them, who may comply with the provisions of this Act, to take and remove all such bodies to be used within this state for the advancement of medical science; but no such notice need be given, nor shall any such body be delivered if any person claiming to be and satisfying the authorities in charge of said body that he or she is of kindred or is related by marriage to the deceased, shall claim the said body for burial, but it shall be surrendered for interment, nor shall the notice be given or body be delivered if such deceased person was a traveler who died suddenly, in which case the said body shall be buried."

"Persons voluntarily placing themselves" in the Hospital, "and who may be suffering from nervous diseases, threatening mental disorder, may" (under the Act of May 10, 1893), "be received for a period of one month or less, by an agreement which shall also specify the time, signed by them at the time of admission, and they may renew said agreement at the end of one month, but no agreement shall be deemed to authorize their remaining unless signed in the presence of some adult person attending as a friend of the person applying in the presence of and also by the medical attendant."

# Forms of Admission

## CERTIFICATE OF PHYSICIANS.

We, the undersigned, residents of Pennsylvania, hereby certify that we have within one week prior to the respective dates hereinafter mentioned at\* .....in the County of ..... separately examined ..... of†.....and do verily believe that the said .....is insane, and the disease is of a character, which in our opinion, requires the person shall be placed in a hospital or other establishment when the insane are detained for care and treatment.

We further certify that we are graduates of an incorporated medical college, and that we have been actually in the practice of medicine for at least five years and that we are not related by blood or marriage to the said ..... nor in any way connected as a medical attendant or otherwise with the Hospital or other establishment in which it is proposed to place the aforesaid.

Signed ..... M. D.  
Residence .....  
Dated.....day of.....one thousand nine hundred.....  
Signed ..... M. D.  
Residence .....  
Dated.....day of.....one thousand nine hundred.....

\*Here insert the street and number of the house (if any) or like particulars.

†Here residence and profession or occupation (if any).

## CERTIFICATE OF A MAGISTRATE OR JUDICIAL OFFICER.

(The certificate of a Prothonotary or Notary Public cannot be accepted).

I, ....., a ..... of .....County, in the Commonwealth of Pennsylvania, do certify that the foregoing certificate was duly sworn or affirmed before me by the above named.....on.....day of .....19....that the signatures thereto are genuine and the signers are physicians of good standing and repute.

Signed .....[L. S.]

## STATE HOSPITAL FOR THE INSANE

## ORDER FOR THE RECEPTION OF A PATIENT.

I. .... the undersigned, hereby request you to receive..... an insane person, as patient into the State Hospital for the Insane at Warren, Pennsylvania, at the expense of.....believing that such detention is necessary for.....benefit.

Subjoined is a statement respecting the said.....

Signed .....

Occupation .....

Degree of relationship (if any) or other circumstances of..... connection with the patient.....

Dated this.....day of.....one thousand nine hundred.....

To the Superintendent of the State Hospital for the Insane at Warren, Pa.

## STATEMENT.

(If any particulars in this statement be not known, the fact to be so stated).

1. Name of patient with Christian name at length.

.....

2. Sex, age and nativity.

.....

3. Residence for the past year or so much thereof as is known.

.....

4. Occupation, trade or employment.

.....

5. Name of parents, if living.

.....

6. Name of husband or wife.

.....

7. Names of children.

.....

8. Names of brothers and sisters and the residence of each of these persons.

.....

9. If not more than one of these classes is known, the names and residence of such of the next degree of relations as are known.

.....

10. Names and addresses of all medical attendants of the patient during the last two years.

.....



11. A statement of the time which the insanity has been supposed to exist and the circumstances that induce the belief that insanity exists.

.....  
Signed .....

When the person who signs the statement is not the person who signs the order, the following particulars concerning the person signing the statement are to be added:

Occupation, if any .....  
Residence .....  
Degree of relationship, if any .....  
Or other circumstances of connection with the patient.

BOND FOR THE ADMISSION OF PRIVATE PATIENTS.

Know all Men by These Presents. That we.....  
and.....of.....in the County  
of.....and State of Pennsylvania  
are held and firmly bound unto the Trustees of the State Hospital  
for the Insane at Warren, Pennsylvania, and their successors in  
office, in the sum of five hundred dollars, for the payment of which  
we, and each of us, do bind ourselves, our and each of our executors,  
and administrators, firmly by these presents. Sealed with our seals  
and dated the.....day of.....19.....

Whereas, Application is herewith filed in behalf of.....  
of.....in the County of.....and State  
aforesaid, for admission as a patient to the Hospital at Warren,  
Pennsylvania, which is under the management of the said obligees:

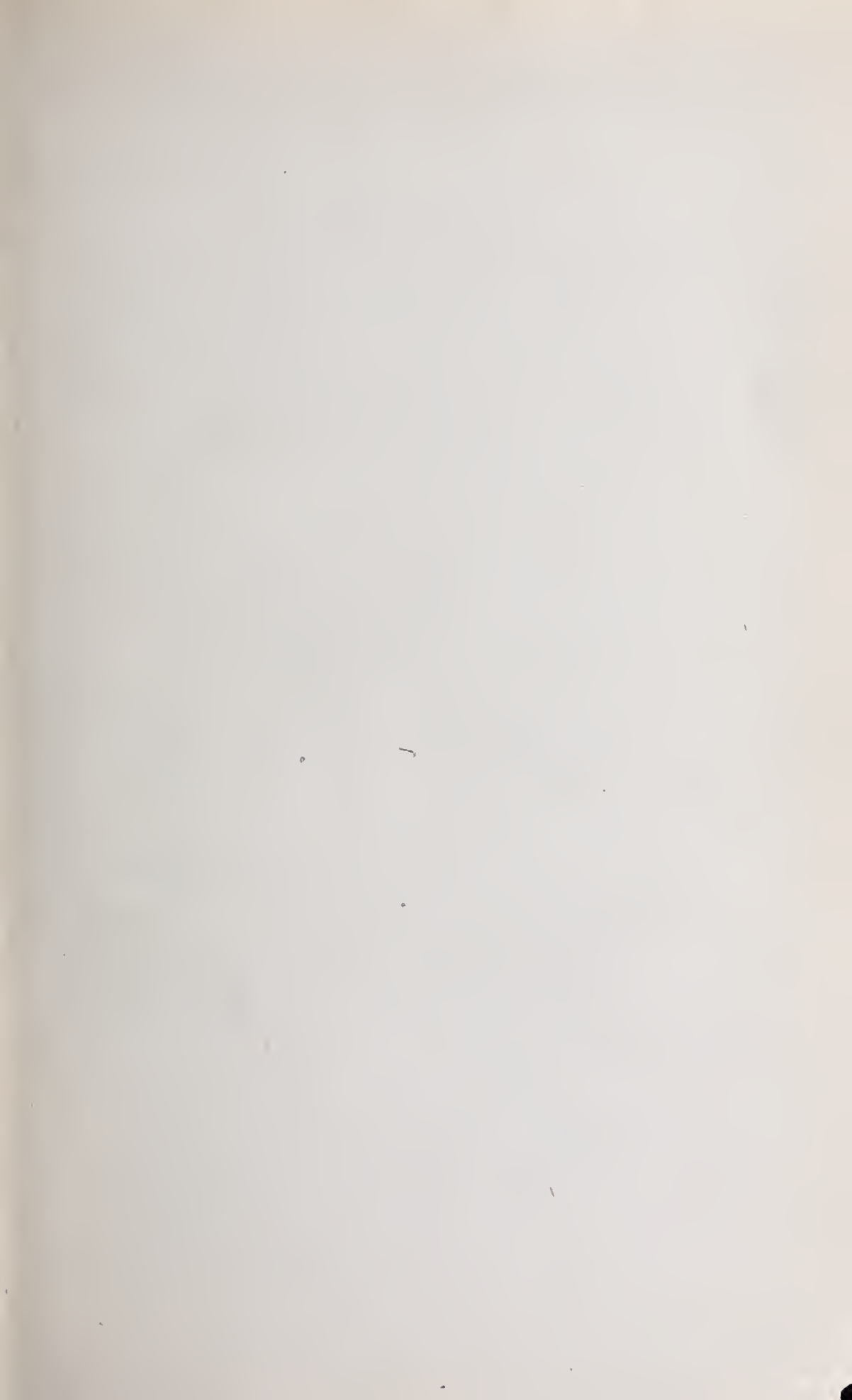
Now, therefore, the condition of this obligation is such that so long  
as said patient shall continue in said Hospital, if admitted thereto,  
and until discharged therefrom, if the said obligors shall pay to said  
obligees, on account of said patient, together with such extra rate of  
charge, if any, as may be occasioned by extraordinary care and atten-  
tion, in such amount or amounts and at such stated time or times as  
said payments may be required, and shall provide suitable clothing,  
and pay said obligees in like manner as aforesaid, for all other neces-  
sary articles of clothing by them provided for said patient, as well as  
all reasonable funeral expenses of said patient in case of death. and  
shall remove said patient from said Hospital when ever by the Super-  
intendent thereof so required to do, then this obligation to be void,  
else to be and remain in full force and virtue.

And further.....do hereby authorize and empower any attorney of any Court of record of Pennsylvania or elsewhere to appear with or without declaration with costs of suit, release of errors, without stay of execution, and with five per cent. attorney's commission for collection.....do also waive the right and benefit of any law of this or any other state exempting property, real or personal, from sale, and if levy is made on land.....do also waive the right of inquisition and consent to the condemnation thereof, with full liberty to sell the same on Fi. Fa. with release of errors thereon.

..... [L. S.]  
..... [L. S.]  
..... [L. S.]

Sealed and delivered in the presence of

.....  
.....







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BIENNIAL REPORT OF THE  
STATE HOSPITAL  
FOR THE INSANE

AT WARREN, PENNSYLVANIA



FOR THE BIENNIAL PERIOD ENDING  
MAY THIRTY-FIRST  
NINETEEN HUNDRED TWENTY

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OF  
PENNSYLVANIA







# Biennial Report

of the

## STATE HOSPITAL FOR THE INSANE

at

Warren, Pennsylvania

for the

Period Ending May 31, 1920

to the

Board of Commissioners of Public Charities

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THE NEWELL PRESS  
WARREN, PA.

## OFFICERS OF THE HOSPITAL

### *Trustees*

WILLIAM E. RICE, President.....	Warren, Warren County
A. LINCOLN BELL, Vice President.....	Ridgway, Elk County
BRYAN H. OSBORNE, Secretary.....	Franklin, Venango County
R. B. STONE.....	Bradford, McKean County
CHARLES SCHIMMELFENG.....	Warren, Warren County
CHARLES R. GALBRATH.....	Franklin, Venango County
ARTHUR M. LOWENTRITT.....	Oil City, Venango County
GEORGE A. REED, M. D.....	Erie, Erie County
J. M. BLOSS.....	Titusville, Crawford County

---

### *Physician-in-Chief and Superintendent*

H. W. MITCHELL, M. D.

### *Assistant Physicians*

IRA A. DARLING, M. D.	ADELAIDE ELLSWORTH, M. D.
MELBOURNE J. POND, M. D.	C. A. BONNER, M. D.
CHAS. D. TOOLE, M. D.	E. J. WERLE, M. D.
MARY P. MITCHELL, M. D.	

### *Pathologist*

PAUL G. WESTON, M. D.

### *Consulting Ophthalmologist*

E. D. MCKEE, M. D.

### *Consulting Surgeon*

WILLIAM M. ROBERTSON, M. D.

### *Dentist*

JOSEPH T. DANFORTH, D. D. S.

### *Steward*

HAROLD A. ROSS

### *Accountant*

GUY C. JOHNSON

### *Treasurer*

F. E. HERTZEL

### *Secretary to Superintendent*

ELINE S. NOBLE

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All communications relative to the admission of and inquiries in regard to patients should be addressed to

Dr. H. W. Mitchell, Warren, Pa.

# Standing Committees for the Year 1920

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## *Executive Committee*

BRYAN H. OSBORNE  
CHARLES SCHIMMELFENG

R. B. STONE  
A. LINCOLN BELL

## *Committee on Employees and Salaries*

R. B. STONE  
CHARLES SCHIMMELFENG

A. LINCOLN BELL  
A. M. LOWENTRITT

## *Farm Committee*

CHARLES SCHIMMELFENG  
C. R. GALBRATH

A. M. LOWENTRITT  
J. M. BLOSS

## *Auditing Committee*

C. R. GALBRATH  
A. LINCOLN BELL

A. M. LOWENTRITT  
BRYAN H. OSBORNE

## *Building Committee*

A. LINCOLN BELL  
CHARLES SCHIMMELFENG

GEO. A. REED, M. D.  
R. B. STONE

## *Committee on Purchase*

A. M. LOWENTRITT  
C. R. GALBRATH

BRYAN H. OSBORNE  
CHARLES SCHIMMELFENG

## *Monthly Visiting Committee*

GEO. A. REED, M. D.  
A. LINCOLN BELL

C. R. GALBRATH  
J. M. BLOSS

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Stated meetings of the Board, Third Friday of March, June, September and December.



## Report of Board of Trustees

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State Hospital for the Insane, Warren, Penna.

June 1, 1920.

To the Committee on Lunacy of the Board of Public Charities, State of Pennsylvania.

Gentlemen:

The Board of Trustees of the State Hospital for the Insane, at Warren, Pennsylvania, has the honor of submitting the thirty-sixth report of the hospital. The report covers the biennial period ending May 31, 1920.

The hospital population of 1499 patients reported in the last biennial report has increased to 1539 patients remaining in the hospital June 1, 1920. This increase has been kept down to low figures by liberal use of the parole system.

The hospital operations during this period have been conducted under extremely adverse conditions. Throughout the entire period the work of the hospital has been conducted by a greatly diminished force of help, due largely to our inability to secure the normal quota of employees. Young men and women can hardly be expected for sentimental reasons to enter the service of the hospital for the compensation which has hitherto been paid, when they can find so many opportunities for employment under present conditions offering much greater compensation. The Trustees have felt obliged from time to time to make advance in compensation of employees and have endeavored to keep pace with similar hospitals in this state, but the increases thus far granted provide for compensation much less than can be secured in various trades and factories furnishing employment to unskilled labor.

The maintenance rate for indigent patients of \$5.00 weekly which was in effect before the United States went to war has not been increased, and it has been impossible to carry on the necessary work of the hospital without incurring a considerable deficit. Expenses exceeded income during the first half of the period covered by this report to the amount of \$44,744.80; the shortage for the corresponding period ending May 31, 1920 is \$66,024.13, making a total of \$110,768.93 deficit for the two year period ending May 31, 1920. The hospital receipts during the same period were \$830,055.27 and our deficit therefore is 13.3 percent of the total maintenance receipts. These figures have been kept down to the lowest possible minimum by several factors, namely, unusual shortage of help, employment of the most economical measures, reduction of repairs and improvements to the lowest possible necessities and by good fortune in having unusually favorable results from the farming operations for both years. The hospital crops of last year were the largest in the history of the hospital, partly due to increased acreage, purchase of which was mentioned in the last report. Hospital purchases have been made in the open market upon solicited bids, the hospital taking advantage of the lowest prices obtainable for standard goods. Comparison of prices thus obtained shows a steadily advancing cost of all commodities up to and including figures received in March, 1920. The increase of prices has been more marked in the commodities which are needed for daily use, such as coal, food materials, cheaper grades of clothing, cotton goods and shoes. The reduction in prices which was hoped for after the armistice has not as yet made its appearance in the figures presented for our purchases but, on the contrary, there has been a steady increase up to the last quarter. The \$5.00 weekly board rate which was barely adequate for our needs before the war must be increased to a minimum figure of \$7.00 per week if the hospital is to be conducted as formerly, unless there should be a very pronounced and unexpected reduction in the cost of necessities.

The last legislature granted a re-appropriation of \$150,000 which can be used for the erection of building for acute cases at any time in the future when building conditions permit. Up to the present time there has been no possibility of securing favorable contracts for the erection of this building which is much needed to complete the hospital plant and provide the desired quarters for newly admitted cases. Plans for this building were secured before the war and the figures then obtainable for a building suitable for our needs were used as a basis for the appropriation request. It is impossible today to erect this building for the amount at our disposal and we shall feel obliged to ask the coming legislature for a substantial addition to erect the building necessary for our purpose.

The legislature also appropriated for the use of the hospital \$25,000 under an appropriation which permitted the use of these funds under the control of the Trustees for some new work, renewals, machinery, fittings, etc., which helped to reduce our deficit. A small cottage for the hospital engineer has been erected upon the hospital grounds by hospital labor. A hennery and manure pit will be erected from this fund during the coming summer; balance of the appropriation will be used for renewals of machinery and equipment.

Local housing conditions are such that it is almost impossible for married employees to secure living accommodations in our vicinity, and we feel that it would be most desirable for the hospital to own one or more two-story, double tenements which could be rented to married employees at a figure to cover the cost of erection and maintenance to the state. We shall ask the legislature for this appropriation upon estimated cost secured later. The water and gas lines to the Farm Colony, two miles distant from the hospital, need replacement and we shall make a request to the legislature sufficient to cover this item.

The curtailment in expenses which has been followed for the past four years can not be maintained indefinitely without unfortunate results. Necessary repairs and improvements can not be omitted indefinitely without ulti-



mately causing property loss. The hospital cannot be maintained long on its inventory; many replacements are now necessary and the Trustees feel that the best interests of the hospital demand a compensation for indigent patients of not less than \$7.00 weekly.

It has been a source of satisfaction to members of the Board that the reputation of the hospital has not suffered materially because of the difficulty of management during the past few years, but are pleased to record that there is a growing feeling of appreciation of the services rendered by this hospital throughout the counties served. The only function of the hospital is the care of the insane patients there committed, and the reputation of the hospital throughout the community will be determined by the character of the medical service given to its many patients. We note with pleasure that the advice of the hospital is being sought more and more throughout the community by physicians and families who are voluntarily turning to the hospital for help in diagnosis, observation and advice.

The medical staff has been affected by many changes during the war, six physicians having entered the United States Army Service. We are pleased to record that two have again returned to hospital duties.

Melbourne J. Pond, M. D., was the first to leave and saw active service as Regimental Surgeon of the 9th Reg. Inf., U. S. A., through the full campaign, returning soon after the armistice.

Ira A. Darling, M. D., who was first assigned to duty in the Southern camps and later to hospital service overseas has again assumed his duties as senior assistant physician.

The hospital is fortunate to again have the benefit of their services.

We desire to express our continued appreciation of the faithfulness and untiring efforts of Dr. H. W. Mitchell in the administration of the affairs of the Hospital.

The conditions herein noted have called for the highest degree of skill and ability and the demand has been fully



met by Dr. Mitchell, not only in maintaining the highest degree of medical efficiency, but also, in giving careful attention to economy in management and the general welfare of patients and employees, all looking to making this institution a hospital, indeed, for the care, treatment, improvement, and so far as possible, a cure of those mentally affected.

Change of residence necessitated the resignation of a member of our Board, who has for many years been actively interested in the welfare of the hospital. The Board expressed their appreciation of the services rendered by Colonel Flood in the following resolutions:

"Whereas, a change of residence has caused the resignation from the Board of Trustees of the Warren State Hospital of Colonel Ned Arden Flood, who for twenty years has given valuable public service, notable for zeal, thoroughness and enlightened judgment—

"Therefore, be it resolved that the Board of Trustees hereby expresses its regret for the loss, not only of good counsel, but of personal relations rendered agreeable by Colonel Flood's tact, wit and good humor.

"And be it further resolved that these resolutions be spread upon the minutes of the Trustees' record and the Secretary requested to transmit to Colonel Flood a copy of the same."

BOARD OF TRUSTEES,

(Signed)	WM. E. RICE,
	(Chairman)
	CHAS. SCHIMMELFENG,
	R. B. STONE,
	GEO. A. REED, M. D.,
	ARTHUR M. LOWENTRITT,
	J. M. BLOSS,
	BRYAN H. OSBORNE,
	A. LINCOLN BELL,
	C. R. GALBRATH

# Report of the Superintendent

To the Board of Trustees of the State Hospital for the Insane, Warren, Pennsylvania.

Gentlemen:

In accordance with the requirements of your Board the thirty-sixth report of the superintendent covering the two years ending May 31, 1920, is herewith submitted.

## GENERAL STATISTICS for the Year Ending May 31st, 1919.

TABLE NO. 1.

	Males	Fem's.	Total
Patients in the hospital June 1, 1918.....	754	745	1,499
On visit June 1, 1918.....	57	13	70
Admitted within the year.....	180	159	339
Viz: by regular commitment.....	160	148	308
voluntary .....	10	7	17
habit cases .....	2	1	3
by transfer .....	8	3	11
Returned from visit.....	1	2	3
Returned from escape .....	4		4
Whole number of cases within the year.....	991	917	1,908
Dismissed within the year.....	214	133	347
Viz: discharged .....	109	65	174
as restored .....	25	29	54
as improved .....	68	27	95
as unimproved .....	16	9	25
died .....	105	67	172
transferred .....		1	1
escaped .....	36	2	38
On visit June 1, 1919.....	41	25	66
Patients in the hospital June 1, 1919.....	736	759	1,495
Viz: regularly committed .....	732	756	1,488
voluntary .....	1	2	3
habit cases .....	3	1	4
supported as indigent patients.....	683	687	1,370
supported as private patients.....	53	72	125
Number of different persons admitted within the year .....	179	158	337
Number of different persons dismissed within the year .....	214	133	347
Number of different persons restored within the year .....	24	29	53
Daily average number of patients.....	732.59	750.50	1,483.09
Viz: indigent patients .....	682.69	679.50	1,362.19
private patients .....	49.40	69.00	118.40
criminal insane .....	.50	2.00	2.50

# REPORT OF SUPERINTENDENT

13

For the Year Ending May 31st, 1920.

	Males	Fem's.	Total
Patients in the hospital June 1, 1919.....	736	759	1,495
On visit June 1, 1919.....	41	25	66
Admitted within the year.....	216	167	383
Viz: by regular commitment.....	179	147	326
voluntary .....	28	4	32
habit cases.....	2		2
by transfer .....	7	16	23
Returned from visit.....	1	1	2
Returned from escape.....	3		3
Whole number of cases within the year.....	993	951	1,944
Dismissed within the year.....	184	166	350
Viz: discharged .....	111	101	212
as restored .....	27	34	61
as improved .....	57	58	115
as not improved.....	27	9	36
died .....	73	65	138
transferred .....	1		1
escaped .....	27	2	29
On visit June 1, 1920.....	34	21	55
Patients in the hospital June 1, 1920.....	775	764	1,539
Viz: regularly committed .....	773	764	1,537
voluntary .....	1		1
habit cases .....	1		1
supported as indigent patients.....	718	672	1,390
supported as private patients.....	57	92	149
Number of different persons admitted within the year .....	215	165	380
Number of different persons dismissed within the year .....	183	166	349
Number of different persons restored within the year .....	27	34	61
Daily average number of patients.....	751.34	758.52	1,509.86
Viz: Indigent patients.....	691.19	678.44	1,369.65
private patients.....	58.82	79.08	137.90
criminal insane .....	1.33	1.00	2.33

The hospital population shows an increase of forty patients during the biennial period which is about the average increase in our hospital district. The regular commitments from the district show a slight decrease which is offset by the increase in voluntary patients. Among the admissions there were only five habit cases, contrasting with twenty-five during the similar preceding period of time. Forty-nine voluntary patients have been admitted to the hospital, a number of whom have been soldiers applying for examination and admitted for this purpose at the request of the War Risk Insurance Bureau. The

total number of patients cared for has been 2,221 and there have been 310 deaths, being a biennial death rate of 13.9 percent equivalent to an annual death rate of 6.9 percent of the total population which includes the death rate resulting from the influenza epidemic. \* The deaths from this cause were limited to approximately 5 per cent of the total cases of the disease.

Three patients committed suicide during the biennial period; one of whom was a demented female patient whose death resulted some days following an attempt at strangulation, immediate cause of death being bronchopneumonia, though the suicidal attempt was probably responsible for the latter. A male, general paralytic, who had given no indication of suicidal tendency was found in his room having suspended himself from the head of his bed with a strip of cloth. Another female patient who was considered by the physicians to be practically recovered from a mild depression of the mid-life period was given some liberty about the grounds and upon being reported missing, search was made and her body found in the creek which flows by the hospital grounds.

There have been five fractures reported since the last report, none of which have resulted seriously. Aside from the suicides reported and the deaths resulting from influenza, there were practically no deaths resulting from acute diseases. Nearly forty percent of the deaths occurred in people over sixty years of age while over twenty percent resulted from general paralysis. Of those discharged 114 were considered restored to normal mental health, being 15.8 percent of the total number of admissions. Two hundred and ten patients were so much improved that parole to the custody of their friends was advisable. The number of discharged and improved patients equalled forty-five percent of the total admissions. The term "restored" has been used, in keeping with our custom, only to designate recovered patients whose mental condition showed no appreciable defect. The cases admitted have been grouped under the classification required by the Committee on Lunacy and a digest of these admissions follows:

## I.

## INFECTIVE EXHAUSTIVE PSYCHOSES.

There were five cases admitted falling in this group, 0.6% of all commitments and of these one was discharged as restored.

## II.

## ALCOHOLIC PSYCHOSES.

There has been a very impressive decrease in the number of patients admitted because of psychoses incident to the use of alcohol. There have been almost no acute cases. During the two years just past this diagnosis was only made in the case of twenty-four men and two women, thus 3.6% of all admissions were due to alcohol. The admission rate for troubles due to alcohol during 1915-1916 was 9.4%, and during 1917-1918 it was 11.8%. Thirty-five patients were discharged, twenty-two as restored, eleven as improved and two as unimproved. Three men diagnosed as having alcoholic psychoses died as a result of intercurrent troubles.

## III.

## DRUG AND TOXIC PSYCHOSES.

During the period covered by this report eight drug addicts were admitted, four men and four women, thus drugs were the direct cause of 1.1% of all admissions. Of this number two died, one was discharged unimproved and two restored.

## IV.

## GENERAL PARALYSIS OF THE INSANE.

There have been eighty men and thirteen women admitted because of general paralysis of the insane. This constitutes 12.8% of the total admissions as compared with 8.9% for the biennial period ending May 31st, 1918 and 8.5% for the period ending May 31st, 1916. The true seriousness of this disease is better indicated by the fact that it is the cause of the commitment of one-fifth of all the male patients (20.2%). Syphilis being the direct etiologic factor. The effect upon health of the "double standard of morality" is well demonstrated by this preponderance



of paresis among men as compared with women. Eight cases of general paralysis of the insane have been discharged as improved and four as unimproved. Sixty-three of these patients have died.

#### V.

### ORGANIC DEMENTIA

Sixteen men and twelve women were diagnosed as having cerebral arteriosclerosis, apopleptic mental disturbances or new growths of the brain. This number constitutes 3.8% of the total admissions. Eight such patients were discharged as improved, four as unimproved and thirty-two died.

#### VI.

### DEMENTIA PRAECOX.

Dementia praecox was the diagnosis most frequently made and accounts for 20.6% of all admissions. It was made in the cases of eighty-seven men and sixty-two women. That the outlook for the future of these cases is not entirely hopeless is well demonstrated by the fact that 84 (56%) dementia praecox patients were discharged as improved. Twenty-two patients were discharged as unimproved and forty-four died.

#### VII.

### DEPRESSION UNDIFFERENTIATED.

During the past two years fifteen patients have been admitted suffering from an undifferentiated depression and this constitutes 2% of all admissions. Twelve of this number were women. Six were discharged improved and nine died.

#### VIII.

### SENILE DEMENTIA.

Sixty-one patients showing senile mental changes were admitted, constituting 8.4% of all admissions. Fourteen of these patients have been discharged, ten were improved and four unimproved. Forty-five deaths occurred in this group.

## IX.

## MANIC DEPRESSIVE PSYCHOSIS.

During the past two years one hundred and thirty cases have been diagnosed as manic depressive insanity. This is 17.9% of all admissions and is approximately the same as the number admitted during the preceding two years. During the period covered by this report, one hundred and thirty-two cases were discharged. Of these, sixty-six were considered restored, sixty-three improved and three unimproved.

## X.

## PARANOIAC CONDITION.

This classification has been used seven times during the past few years. Therefore, this diagnosis was made in 0.9% of all cases admitted. Five were discharged as improved and two unimproved.

## XI.

NEUROSES, PSYCHONEUROSES AND  
HYSTERICAL PSYCHOSES

Fourteen patients were admitted with a diagnosis falling in one of the above groups, thus making such troubles responsible for 1.9% of all admissions. Of this number one was discharged as improved and one restored.

## XII.

## EPILEPTIC PSYCHOSES.

The diagnosis of epileptic psychosis was made in twenty-two cases during the past biennial period. This makes epilepsy responsible for 3.1% of all admissions. Fourteen of these patients were men and eight were women. As in former years, patients admitted with this form of trouble were in a practically hopeless condition when brought to the hospital. Five epileptics were discharged as improved, three as unimproved and eighteen died.

## XIII.

## PSYCHOSES WITH NERVOUS DISEASES.

Five patients were admitted and diagnosed as having a psychosis secondary to some nervous disease. This group

constitutes 0.5% of all admissions. One of these patients has been discharged as unimproved.

#### XIV.

#### PSYCHOSIS WITH PELLAGRA.

One man was admitted in the final stages of pellagra and died within a few weeks.

#### XV.

#### UNCLASSIFIED PSYCHOSES.

Ninety-five patients were admitted who did not show symptoms typical of any particular psychoses. This group embraced 13.1% of total admissions. Nineteen belonging to this group have been discharged, sixteen as improved and three unimproved.

#### XVI.

#### NOT INSANE.

Nine men and one woman or 1.3% of all admissions were later discharged as not insane. The men were soldiers sent by the Bureau of War Risk Insurance for examination. They were found to have nerve injuries, hyperthyroidism, neuritis, etc. The woman was found to have diabetes mellitus. These patients were discharged as unimproved after a period of observation varying from two days to a week.

A constant effort is being made to conduct the medical work of the hospital upon the broad lines which have been introduced into insane hospital activities in recent years. Before diagnosis and prognosis in a given case can be made, and the course of future treatment outlined for the patient, field worker, medical examination, psychological study, laboratory contribution and nurses aid is required for each individual. Laboratory advances within recent years have made the laboratory cooperation with the clinical investigation essential, not only for the treatment of individual cases but for the general welfare of the hospital group. Old laboratory methods have been replaced by newer ones. Blood chemistry, a comparatively new subject, has been made to yield its data during recent years.



For example, the determination of uric acid, urea and creatinin in the blood furishes data of the greatest value in the early diagnosis and treatment of chronic nephritis. It is obvious that the determination of substances accumulating in the blood furnishes better criteria for treatment and prognosis than the determination of substances excreted by the urine. Serology furnishes most valuable data for the diagnosis of neurosyphilis and the laboratory now differentiates by exact methods between cases of syphilis that yield to treatment and those that are practically hopeless. Autopsy results are used to check clinical findings, autopsies being performed on 92 cases since the last report was made.

The control of diphtheria which has been introduced into the hospital several times during the biennial period is made effective only by bacteriological study and measures determined by these results. Prophylaxis for typhoid has been followed ever since 1912 with a practical suppression of the disease. Bacterins used in the prophylactic injections have been made at the hospital laboratory at practically no expense. An interesting example of the value of immunization among hospital patients was furnished last year; one of the employees, engaged as a milker of the hospital herd, was reported sick after some ten days of increasing illness, diagnosis of typhoid fever was confirmed by blood culture and Widal test. For some ten days this employee had been engaged in duties that might have resulted in a serious epidemic through infection of the milk supply yet not another case developed, and the man in question responded promptly to intravenous use of typhoid bacterin. A mild outbreak of acute gastro-intestinal trouble was satisfactorily proven by clinical and bacteriological study, to have followed changes occurring in cans of milk which were evidently infected by organisms due to cattle disease, and the outbreak promptly ceased upon adoption of procedures based upon these laboratory studies. The control of typhoid, diphtheria and other infectious diseases, the accurate diagnosis in various syphilitic conditions, the aid furnished clinical assistants by blood

analyses, blood counts, urine, sputum, feces, and gastric contents, examinations with necessary autopsy studies demand for the best conduct of medical work in every hospital for the insane, a thoroughly equipped and well conducted laboratory.

A proper medical service with enthusiastic activity among the members of the staff, cannot be developed except as the result of long continued and painstaking efforts of combined clinical, laboratory and research work. Hospitals for the insane in country districts are naturally dependent solely upon themselves for the development of the proper medical spirit, and unless constant effort is made to stimulate medical activities it is a comparatively easy matter for these hospitals to lapse into a boarding-house regime. The hospitals which achieve the best results must have not only a kindly spirit and interest in the welfare of patients, therapeutic and social service effort, but in addition, a medical service which meets the many necessities with the same spirit of medical interest and co-operation shown in hospitals for the physically ill.

Continued efforts in the treatment of paresis and cerebro-spinal syphilis have been followed during the present period. In paresis the treatment has largely consisted of frequent and long continued use of arsphenamine, endeavoring to administer the drug to the point of tolerance in each case. Some thirty or more cases have been thus treated and are under observation. At the time of writing, seven of these thirty cases are now at home on parole with clinical remissions of the disease. Our experience for the past eight years does not justify the prediction that cases of paresis so far advanced as those usually received at this hospital, can be cured by any known treatment. Cases of neuro-syphilis so diagnosed because the Gold Solaretic curve did not appear in the spinal fluid, have been few in number but these have responded to vigorous treatment of arsphenamine and mercury. Complete serological remissions in the spinal fluid have not been obtained in our far advanced cases of paresis. These results

are comparable to those reported in Massachusetts by Dr. Solomon, investigator in neuro-syphilis.

The influenza epidemic, prostrating as it did at one time, hundreds of our patients and a very high percentage of employees, taxed the medical facilities of the hospital to the utmost. Volunteer workers from the vicinity freely responded to the call for help and only too frequently increased the number of invalids after a few days service. Prophylactic bacterins were used freely with no appreciable good results. Intravenous bacterins were used therapeutically in some cases. It was impossible to draw any favorable deductions from our limited experience in this field. Our low death rate (5%) as compared with many hospitals was, we believe, due to the fact that all patients showing symptoms of the disease were immediately placed in bed and kept there for several days after temperature was normal. The development of broncho-pneumonia was thus limited to a minimum and the death rate proportionately decreased.

From some clinical observations made by the hospital staff it would appear that the use of Luminal, as recommended by numerous American writers in recent years has a marked remedial effect upon the severe cases of epileptic insanity. The comparison of monthly records with and without the drug, show in the cases under observation, marked reduction in the severity and frequency of convulsions accompanied by a pronounced improvement in the distressing mental symptoms frequently seen in such patients. The comfort of other patients in the same wards is increased because of the reduction in quarrels and accidents resulting from the perverted activities of these patients. So far as we can determine the harmful effects following continued use of bromide are not exhibited.

The hospital has cooperated with the Washington authorities by accepting all soldier patients resident in Northwestern Pennsylvania, upon request of the War Risk Insurance Bureau. In addition the hospital makes neuropsychiatric examinations for the United States Public

Health Service upon request. Such patients are admitted to the hospital for two to four days as voluntary patients and receive the full benefit of all clinical and laboratory study possible. The fees for this service are paid to the hospital for the support of the patient.

All imperative surgery is performed at the hospital by the consulting surgeons.

Dental needs are looked after continuously by the hospital dentist.

A list of papers prepared by members of the medical staff for publications or presentation to the various medical societies follows:

"The Colloidal Gold Reaction." Paul G. Weston, M.D., *American Journal of Syphilis*, III, 266, 1919.

"The Importance of Early Recognition of Paresis by the General Practitioner." P. H. Weeks, M.D., *Pennsylvania Medical Journal*, XXIII, 19, 1919.

"A Plea for the Cooperation of the Family Doctor and the State Hospital for the Insane." I. A. Darling, M.D., *Medical Journal (Pennsylvania)* XXIII, 22, 1919.

"Analyses of the Blood of the Insane." Paul G. Weston, M.D., *Archives of Neurology and Psychiatry*, III, 147, 1920.

"The Nature of the Substance Causing the Colloidal Gold Reaction." Paul G. Weston, M.D., *American Journal of Insanity*, LXXVI, 393, 1920.

"Neuro-syphilis-Clinical and Laboratory Viewpoint." Paul G. Weston, M.D. and H. W. Mitchell, M.D., *McKean County Medical Society*, 1919.

"Early Recognition of Cerebro-spinal Syphilis." Paul G. Weston, M.D. and H. W. Mitchell, M.D., *Crawford County Medical Society*, 1919.

"The Relation of Syphilis to Insanity." H. W. Mitchell, M.D., *Elk County Medical Society and Lawrence County Medical Society*, 1920.

The following physicians left the service of the hospital to serve in the medical corps of the United States Army.

William C. Miller, M.D., June 7, 1918.

Ira A. Darling, M.D., June 29, 1918.

Ord. Everman, M. D., Nov. 8, 1918.

Walter J. Mattick, M.D., entered the service of the hospital Oct. 2, 1918 and because of illness left the following month.

Patrick H. Weeks, M.D., entered the hospital service Nov. 30, 1917, resigned Jan. 25, 1920 to take a well deserved promotion.

John J. Harward, M.D., entered upon medical duties Feb. 27, 1919 leaving March 20th of the same year.

Ira A. Darling, M.D., returned from army service in France, March 18, 1919.

Melbourne J. Pond, M.D., who left the hospital service on July 29, 1917, to enter the United States Army returned to duties from his war service in France, Sept. 7, 1919.

Chas. D. Toole, M.D., a recent graduate of the University of Michigan, with general hospital service in Detroit and army experience abroad, was appointed Feb. 21, 1920.

E. J. Werle, M.D., a recent graduate of the University of Pennsylvania, with general hospital experience in Pittsburgh, was appointed May 1, 1920.

The training school for nurses is now better organized than at any previous period. The arrangement for a three years course mentioned in the last report is working satisfactorily. Each nurse spends two years in the hospital service and one year at the Hamot Hospital in Erie, the work being so arranged that the requirements of the Pennsylvania State Board of Registration of Nurses, are fully complied with and our nurses generally successfully pass the required examination of that Board. This hospital, like others, has suffered from lack of applicants sufficient to carry on its work to the best advantage.

The lists of graduates for the years 1918 and 1919 are as follows:

1918.

Ralph Chalmers Aharrah

Louis Sidney Hale

Homer P. Rogers



1919.

Etta V. Beightol	Amy Grace Meabon
Helen Cassett	Valeria Rosamond Mentz
Margaret T. Cleveland	Elsie M. Elizabeth Pearson
Pearle Elizabeth Haglund	Frances Dorothy Powers
Myrtle Hendrickson	Anna Kathryn Swartsfager
Ola Irene Jackson	Elena Winifred Smith
Blanche McCray	Ruby Marie Unangst
Nanna Ruth McQuiston	Clara Elizabeth Vaughn

The farming operations for the last two years have been unusually successful. Larger crops than ever before having been gathered both years due to intensive gardening operations and increase in acreage. The production of meat, milk and garden products has helped materially in our fiscal difficulties, which can be particularly appreciated when the statement is made that our maintenance rate is the same now as prior to the war. Hospital operations have necessarily been materially curtailed in all branches by our effort to keep the resulting deficit down to the lowest possible figure.

A tractor was presented to the hospital by the Department of Agriculture, through the courtesy of the Hon. Frank G. McLean.

The valuable services of an expert authority on tile drainage, Mr. Chas. G. McLean, were also contributed by the Pennsylvania Department of Agriculture, greatly to the improvement of the hospital land.

We are indebted to the State Veterinarian, Dr. T. E. Munce, and his associates for the continued careful examination of the hospital herd, for tuberculosis and for many valuable suggestions concerning herd development and care.

Rev. J. N. Morrison and Rev. Father Liebel have cheerfully responded to all calls for their services among the Protestant and Catholic patients respectively.

A friend of the hospital, Mr. George Davidson, of Beaver, Pa., generously made a gift of \$1,000 to be used for the

benefit of the patients in such ways as the officers of the hospital might decide.

Acknowledgment of gifts for the use of the patients is due to the following donors:

Conewango Club

Minnie Miller

The Warren General Hospital has generously given the use of their ambulance.

The influenza epidemic was responsible for the death of a most valued hospital official, Mr. Carl A. Wheelock, who for years had served the hospital faithfully and efficiently; first for many years as the hospital clerk and later as hospital steward in which position his long experience, natural ability and faithful performance of duties were most fully appreciated by all connected with the hospital.

In submitting this report to your Board it is fitting to express in this manner the gratitude felt by your superintendent to all employees and officers of the hospital who have during two unusually trying years, carried on their work with ready performance of unusual duties. The shortage of help felt in all departments has been met with cheerful willingness to take on increased work for the hospital welfare. This willing spirit made it possible to "carry on" with no greater disturbance than has been reported.

I am most deeply grateful for the continued confidence and support shown by your Board.

Respectfully submitted,

H. W. MITCHELL.

TABLE NO. 2.  
Ages of Insane at Admission and at First Attack.

	When Admitted			At First Attack		
	Males	Fems.	Total	Males	Fems.	Total
Under 15 years.....	2	.....	2	35	17	52
15 to 20 years.....	15	12	27	22	25	47
20 to 25 years.....	35	18	53	43	27	70
25 to 30 years.....	50	28	78	51	39	90
30 to 35 years.....	47	38	85	31	40	71
35 to 40 years.....	51	38	89	39	33	72
40 to 45 years.....	37	39	76	35	24	59
45 to 50 years.....	35	26	61	20	26	46
50 to 60 years.....	49	61	110	34	34	68
60 to 70 years.....	37	40	77	25	22	47
70 to 80 years.....	26	18	44	19	10	29
Over 80 years.....	10	8	18	2	4	6
Unknown .....	2	.....	2	40	25	65
Total .....	396	326	722	396	326	722



TABLE NO. 3.  
Nativity of Those Admitted.

	Males	Fems.	Total
Pennsylvania .....	262	232	494
Alabama .....	1		1
Arizona .....		1	1
Connecticut .....	1		1
Indiana .....	1		1
Iowa .....	1		1
Kentucky .....		1	1
Massachusetts .....	1		1
Michigan .....		1	1
New York .....	20	24	44
North Carolina .....	2		2
Ohio .....	6	4	10
Vermont .....	2		2
Virginia .....	2	1	3
West Virginia .....	1		1
Wisconsin .....	2		2
Total natives .....	303	264	567
	Males	Fems.	Total
Other countries .....			
Austria .....	12	6	18
Bavaria .....	1		1
Canada .....	3	4	7
Denmark .....	2	2	4
England .....	6	2	8
Finland .....	1		1
France .....	2	2	4
Germany .....	14	9	23
Hungary .....	1		1
Ireland .....	5	4	9
Italy .....	20	7	27
Lithuania .....		1	1
Poland .....	4	4	8
Prussia .....	1		1
Roumania .....		1	1
Russia .....	5	4	9
Scotland .....	2	1	3
Sweden .....	6	5	11
Switzerland .....		2	2
Transylvania .....	1		1
Total foreign .....	86	54	140
Unknown .....	7	8	15
Total .....	396	326	722

TABLE NO. 4.  
Residence of Those Admitted.

	Males	Fems.	Total
Adams .....	1		1
Allegheny .....	8	13	21
Armstrong .....	3	2	5
Beaver .....	5	3	8
Butler .....	11	10	21
Cambria .....	2	1	3
Cameron .....	2	5	7
Centre .....	1		1
Clarion .....	13	6	19
Clearfield .....	15	11	26
Clinton .....	1		1
Crawford .....	41	26	67
Elk .....	22	23	45
Erie .....	108	94	202
Fayette .....		1	1
Forest .....	5	3	8
Franklin .....	2		2
Indiana .....	3	1	4
Jefferson .....	5	3	8
Lawrence .....	6	6	12
McKean .....	41	29	70
Mercer .....	6	14	20
Potter .....	12	10	22
Tioga .....	1	3	4
Venango .....	40	22	62
Warren .....	40	36	76
Westmoreland .....	1	3	4
Ohio State .....		1	1
Texas State .....	1		1
Total .....	396	326	722

TABLE NO. 5.  
Occupation of Those Admitted.

	Males	Fems.	Total
Accountant .....	1		1
Advertiser .....	1		1
Agents .....	6		6
Bakers .....	2		2
Barbers .....	2		2
Bellboy .....	1		1
Blacksmiths .....	2		2
Boilermakers .....	4		4
Bookkeeper .....		1	1
Brakeman .....	1		1
Bricklayers .....	2		2
Broker .....	1		1
Butcher .....	1		1
Carpenters .....	13		13
Chairmaker .....	1		1
Chemist .....	1		1
Cigarmakers .....	2		2
Civil engineer .....	1		1
Clerks .....	10	2	12
Cobblers .....	2		2
Conductor .....	1		1
Contractors .....	2		2
Cook .....		2	2
Cooper .....	1		1
Cutler .....	1		1
Dentists .....	2		2
Domestics .....		26	26
Draftsman .....	1		1
Drillers .....	3		3
Druggists .....	3		3
Electricians .....	2		2
Engineer .....	1		1
Factory employees .....		2	2
Farmers .....	45		45
Fireman .....	1		1
Fisherman .....	1		1
Harnessmaker .....	1		1
Hotelkeepers .....	3		3
Housekeepers .....		22	22
Housewives .....		192	192
Jailkeeper .....	1		1
Jeweler .....	1		1
Laborers .....	117		117
Lackey .....	1		1
Liverymen .....	2		2
Lumbermen .....	4		4
Machinists .....	14		14
Mailcarrier .....	1		1
Masons .....	2		2

TABLE NO. 5 (Continued)

	Males	Fems.	Total
Meatcutters .....	2		2
Mechanics .....	2		2
Merchants .....	9		9
Millers .....	2		2
Milliners .....		2	2
Miners .....	6		6
Moulders .....	2		2
No occupation .....	27	50	77
Nurses .....		3	3
Oil operators .....	14		14
Painters .....	11		11
Paperhangers .....	2		2
Peddler .....	1		1
Plumbers .....	3		3
Postmistress .....		1	1
Punchpress operator .....	1		1
Railroad employees .....	11		11
Sailor .....	1		1
Salesmen .....	2		2
Seamstresses .....		10	10
Soldiers .....	5		5
Stenographers .....	2	1	3
Students .....	6	4	10
Tailor .....	1		1
Tanners .....	2		2
Teachers .....	2	4	6
Teamsters .....	3		3
Telephone operators .....	2	2	4
Telegraph operator .....	1		1
Theatre manager .....	1		1
Tinsmiths .....	3		3
Tooldressers .....	2		2
Tree surgeon .....	1		1
Veterinarian .....	1		1
Waitresses .....		2	2
Window trimmer .....	1		1
Unknown .....	2		2
Total .....	396	326	722

TABLE NO. 6.  
Civil Condition of Those Admitted.

	Males	Fems.	Total
Single .....	173	81	254
Married .....	179	186	365
Widowed .....	33	48	81
Divorced .....	9	11	20
Unknown .....	2		2
Total .....	396	326	722

TABLE NO. 7.  
How Committed.

	Males	Fems.	Total
By Friends .....	57	82	139
By Directors of the Poor.....	114	89	203
By County Commissioners.....	139	105	244
By Court .....	33	20	53
By Committee on Lunacy (Transfer).....	15	19	34
By Voluntary Commitment.....	38	11	49
Total .....	396	326	722

TABLE NO. 8.  
How Supported.

	Males	Fems.	Total
By Friends .....	91	100	191
By Directors of the Poor.....	116	101	217
By County Commissioners .....	166	125	291
By U. S. Government.....	23		23
Total .....	396	326	722

TABLE NO. 9.  
Assigned Causes of Insanity.

	Males	Fems.	Total
Alcoholism .....	30	3	33
Alcoholism and arteriosclerosis .....	3		3
Alcoholism and drugs.....		2	2
Arteriosclerosis .....	11	14	25
Arteriosclerosis and senility.....	9	2	11
Chorea .....		1	1
Drug Habit—Morphine .....	2	3	5
Veronal .....	1		1
Epilepsy .....	13	7	20
Heredity .....	80	124	204
Heredity and alcohol.....	3	1	4
Heredity and drugs.....		1	1
Heredity and ill health.....	6	4	10
Heredity and senility.....	1	3	4
Heredity and syphilis.....	1		1
Heredity and worry .....	9	13	22
Ill health .....	10	26	36
Pellagra .....	1		1
Plumbism .....	1		1
Senility .....	22	24	46
Shell-shock .....	3		3
Syphilis .....	84	12	96
Not assigned .....	106	86	192
Total .....	396	326	722

TABLE NO. 10.  
Forms of Disease of Those Admitted.

	Males	Fems.	Total
Infective exhaustive psychosis.....	1	4	5
Alcoholic psychosis .....	24	2	26
Drug and other toxic psychoses.....	4	4	8
General paralysis of the insane.....	80	13	93
Psychosis with gross brain lesion.....	16	12	28
Psychosis with other brain and nervous diseases.....	2		2
Psychosis with pellagra.....	1		1
Psychoneuroses and neuroses .....	5	5	10
Traumatic psychosis .....	1		1
Dementia praecox .....	87	62	149
Melancholia, involutional .....	6	13	19
Depression, undifferentiated .....	3	12	15
Senile psychosis .....	30	31	61
Manic-depressive psychosis .....	29	82	111
Paranoiac condition .....	3	4	7
Hysterical psychosis .....		3	3
Epileptic psychosis .....	14	8	22
Constitutional psychopathy .....	1		1
Constitutional inferiority .....	9	5	14
Imbecility .....	19	13	32
Habit cases: Alcohol .....	3		3
Morphine .....	1	1	2
Huntington's chorea .....	2		2
Sydenham's chorea .....		1	1
Korsakoff psychosis .....	1		1
Not insane .....	9	1	10
Unclassified psychosis .....	45	50	95
Total .....	396	326	722

TABLE NO. 11.  
Number of Admissions and of Attacks.

	Admissions.			Attacks.		
	Males.	Fems.	Total	Males.	Fems.	Total
First .....	339	260	599	307	229	536
Second .....	44	45	89	27	40	67
Third .....	8	10	18	14	12	26
Fourth .....	2	6	8	3	9	12
Fifth .....	2	2	4	3	1	4
Sixth .....		1	1		3	3
Eighth .....	1		1		1	1
Ninth .....		1	1			
Eleventh .....		1	1		1	1
Twelfth .....					1	1
Unknown .....				42	29	71
Total .....	396	326	722	396	326	722

TABLE NO. 12.  
Duration of Insanity Previous to Admission.

	Males	Fems.	Total
Under one month .....	25	31	56
1 to 3 months .....	34	44	78
3 to 6 months .....	26	26	52
6 to 12 months .....	36	36	72
1 to 2 years .....	61	30	91
2 to 5 years .....	75	59	134
5 to 10 years .....	36	31	67
10 to 20 years .....	19	14	33
Over 20 years .....	35	20	55
Unknown .....	49	35	84
Total .....	396	326	722



TABLE NO. 13.  
Age When Attacked of Those Restored.

	Males	Fems.	Total
Under 15 years .....		1	1
15 to 20 years .....	4	8	12
20 to 25 years .....	10	9	19
25 to 30 years .....	15	10	25
30 to 35 years .....	2	15	17
35 to 40 years .....	4	6	10
40 to 45 years .....	9	5	14
45 to 50 years .....		3	3
50 to 60 years .....	3	2	5
60 to 70 years .....	2	3	5
70 to 80 years .....	1		1
Over 80 years .....			
Unknown .....	2	1	3
Total .....	52	63	115

TABLE NO. 14.  
Duration of Disease Before Treatment of Those Restored.

	Males	Fems.	Total
Under 1 month .....	13	17	30
1 to 3 months .....	10	15	25
3 to 6 months .....	3	8	11
6 to 12 months .....	6	7	13
1 to 2 years .....	7	9	16
2 to 5 years .....	2	6	8
5 to 10 years .....	2		2
10 to 20 years .....	5		5
Over 20 years .....	2		2
Unknown .....	2	1	3
Total .....	52	63	115

TABLE NO. 15.  
Duration of Treatment of Those Restored.

	Males	Fems.	Total
Under 1 month .....	13	2	15
1 to 3 months .....	5	2	7
3 to 6 months .....	11	11	22
6 to 12 months .....	13	28	41
1 to 2 years .....	8	16	24
2 to 5 years .....		3	3
5 to 10 years .....	2	1	3
10 to 20 years .....			
Over 20 years .....			
Total .....	52	63	115

TABLE NO. 16.  
Assigned Causes of Disease of Those Restored.

	Males	Fems.	Total
Alcoholism .....	21	1	22
Alcoholism and drugs .....	1	1	2
Alcoholism and syphilis .....	1		1
Drug habit: Morphine .....	2	1	3
Heredity .....	5	20	25
Heredity and alcoholism .....	2		2
Heredity and ill health .....	2	7	9
Heredity and surgical trauma .....		1	1
Ill health .....	1	9	10
Not assigned .....	14	21	35
Syphilis .....	3	2	5
Total .....	52	63	115

TABLE NO. 17.  
Nativity of Those Restored.

	Males	Fems.	Total
Pennsylvania .....	37	46	83
Connecticut .....	1		1
New York .....	3	2	5
Ohio .....	2	3	5
Vermont .....	1		1
Virginia .....		1	1
Wisconsin .....	1		1
Total natives .....	45	52	97
Other countries.			
Austria .....	3	2	5
France .....		1	1
Germany .....	1	1	2
Italy .....	2	3	5
Poland .....		1	1
Russia .....		1	1
Sweden .....	1	2	3
Total foreign .....	7	11	18
Total .....	52	63	115

TABLE NO. 18.  
Causes of Death.

	Males	Fems.	Total
General Diseases.			
Acute articular rheumatism.....	1		1
Cancer: Carcinoma of the bladder.....		1	1
Carcinoma of the liver.....		1	1
Carcinoma of the pancreas.....		1	1
Glioma of cerebellum.....	1		1
Diabetes .....	1		1
Erysipelas .....	3	1	4
Influenza .....	2		2
Osteomyelitis .....	1		1
Pellagra .....		1	1
Pernicious anaemia .....		1	1
Pyemia .....	1		1
Septicemia .....	2	1	3
Thyrototoxicosis .....		1	1
Tuberculosis: Acute miliary .....	3		3
Pulmonary .....	8	18	26
Intestinal and bone.....	1		1
Diseases of the Nervous System.			
Cerebral hemorrhage .....	4	6	10
General paralysis of the insane.....	52	10	62
Purulent meningitis, staphylococcic .....	1		1
Status epilepticus .....	7	4	11
Diseases of the Circulatory System.			
Acute dilatation of the heart.....	2	1	3
Angina pectoris .....	2		2
Arteriosclerosis .....	9	1	10
Brown atrophy of the heart.....	1		1
Chronic endocarditis .....		2	2
Chronic myocarditis .....	25	32	57
Fatty degeneration of the heart.....	1	1	2
Valvular heart disease.....		1	1
Diseases of the Respiratory System.			
Acute pleurisy .....		1	1
Broncho-pneumonia .....	33	33	66
Congestion and oedema of the lungs.....	6		6
Lobar pneumonia .....	3	3	6
Diseases of the Digestive System.			
Acute general peritonitis .....	1	1	2
Acute diarrhoea .....		1	1
Chronic diarrhoea .....		1	1
Cirrhosis of the liver .....	2		2
Diarrhoea and enteritis.....	1	1	2
Pancreatitis, acute hemorrhage.....	1		1
Diseases of the Genito-Urinary System.			
Acute nephritis .....	1	3	4
Uremic convulsion .....		1	1

Accidents.			
Strangulation while eating.....	1		1
Suffocation from aspirated vomitus.....		1	1
Suicides.			
Oedema of the epiglottis and trauma of the esophagus and trachea caused by swallowing large pieces of glass.....		1	1
Suicide by drowning.....		1	1
Suicide by hanging.....	1		1
Total .....	178	132	310

TABLE NO. 19.  
Ages at Death.

	Males	Fems.	Total
Under 15 years.....			
15 to 20 years.....	2		2
20 to 25 years.....	3	1	4
25 to 30 years.....	5	6	11
30 to 35 years.....	18	8	26
35 to 40 years.....	21	14	35
40 to 45 years.....	15	9	24
45 to 50 years.....	15	12	27
50 to 60 years.....	27	29	56
60 to 70 years.....	28	17	45
70 to 80 years.....	28	21	49
Over 80 years .....	14	14	28
Unknown .....	2	1	3
Total .....	178	132	310

TABLE NO. 20.  
Duration of Disease of Those Who Died.

	Males	Fems.	Total
Under one month.....	2	1	3
1 to 3 months.....	4	6	10
3 to 6 months.....	6	5	11
6 to 12 months.....	15	8	23
1 to 2 years.....	23	9	32
2 to 5 years.....	40	25	65
5 to 10 years.....	36	28	64
10 to 20 years.....	23	22	45
Over 20 years.....	24	26	50
Unknown .....	5	2	7
Total .....	178	132	310

TABLE NO. 21.

Ages of Those Remaining in the Hospital at the  
End of the Biennial Period.

	Males	Fems.	Total
Under 15 years.....		1	1
15 to 20 years.....	4	6	10
20 to 25 years.....	17	13	30
25 to 30 years.....	52	38	90
30 to 35 years.....	102	51	153
35 to 40 years.....	98	83	181
40 to 45 years.....	96	82	178
45 to 50 years.....	88	86	174
50 to 60 years.....	175	173	348
60 to 70 years.....	99	160	259
70 to 80 years.....	34	64	98
Over 80 years.....	14	15	29
Unknown .....	30	13	43
Total .....	809	785	1594

TABLE NO. 22.

Duration of Disease of Those Remaining in the  
Hospital at the End of the Biennial Period.

	Males	Fems.	Total
Under one month.....			
1 to 3 months.....	3	5	8
3 to 6 months.....	7	8	15
6 to 12 months.....	16	24	40
1 to 2 years.....	34	40	74
2 to 5 years.....	98	87	185
5 to 10 years.....	142	140	282
10 to 20 years.....	219	179	398
Over 20 years.....	173	227	400
Unknown .....	117	75	192
Total .....	809	785	1594

## Report of Treasurer

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Warren, Pa., June 17, 1920.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Treasurer respectfully submits the following summary of the receipts and expenditures for the biennial period ending May 31st, 1920.

### MAINTENANCE ACCOUNT.

#### Receipts.

From State Appropriation for the support of Indigent Patients for the biennial period ending May 31st, 1920 .....	\$402,077.15	
From Counties, Townships and Municipalities for support of Indigent Patients.....	357,904.62	
From Private Patients.....	99,111.30	
From Other Sources.....	15,743.22	
Borrowed from Warren National Bank.....	59,997.00	
		<hr/>
		\$934,833.29

#### Expenditures.

Superintendent's Orders Paid.....	934,833.29	
		<hr/>
Balance cash on hand May 31st, 1920.....		0.00

### SPECIAL APPROPRIATION ACCOUNTS.

#### Receipts From State Treasurer.

Male Attendants Dormitory Building Account	\$25,000.00	
Automobile Garage Account.....	525.54	
Vegetable Cellar Account.....	521.43	
Reception and Treatment Building Account.....	4,692.35	
Hospital Furniture and Fixtures Account.....	10,000.00	
Blanket Appropriation No. 51A, 1919.....	7,971.70	
		<hr/>
		\$ 48,711.02

#### Expenditures.

Superintendent's orders paid on the several accounts .....	48,711.02	
		<hr/>
Balance cash on hand May 31st, 1920.....		0.00

Very respectfully,

F. E. HERTZEL,  
Treasurer.

# Steward's Report

Warren, Pa., June 15th, 1920.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Steward respectfully submits the following report  
for the biennial period ending May 31st, 1920.

## MAINTENANCE ACCOUNT. Analysis of Expenses. Salaries, Wages and Labor.

Medical Service.....	\$ 40,734.96	
General Administration .....	113,436.44	
Ward Services .....	111,344.79	
Repairs and Improvements.....	30,226.31	
Farm, Stable and Grounds.....	51,132.62	

### FOOD.

\$346,875.12

Butter .....	\$ 46,095.08
Beans .....	6,403.82
Bread and Crackers .....	678.38
Cereals, rice, meal, etc.....	12,208.93
Cheese .....	7,679.56
Eggs .....	9,653.05
Flour .....	36,365.11
Fish .....	2,815.73
Fruit (dried and fresh).....	15,632.79
Lard .....	2,973.06
Meat .....	51,384.41
Milk .....	3,193.05
Molasses and syrup.....	4,097.81
Spices, seasonings, salt, etc.....	7,637.12
Sugar .....	9,838.64
Tea, coffee, cocoa, etc.....	7,049.87
Vegetables .....	11,064.01
Yeast .....	696.84
Sundries .....	95.25

\$235,562.51

### CLOTHING AND CLOTHING MATERIALS.

Boots, shoes and rubbers.....	\$ 4,482.86
Clothing .....	9,781.92
Dry Goods for clothing and small wares.....	12,499.20
Furnishing goods .....	6,997.81
Hats and caps .....	336.36
Leather and shoe findings.....	637.16
Materials and machinery for manufacturing.....	14.16
Sundries .....	345.75

\$ 35,095.22



## REPORT OF STEWARD

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## FURNISHINGS.

Beds, bedding, table linen, etc.....	\$ 37,070.75	
Brushes, brooms, etc.....	1,649.85	
Carpets, rugs, etc.....	331.91	
Crockery, glassware, cutlery, etc.....	2,975.34	
Furniture and upholstery.....	1,588.38	
Kitchen furnishings .....	878.35	
Materials and machinery for manufacturing.....	119.61	
Wooden ware, buckets, pails, etc.....	510.65	
Sundries .....	351.14	
		\$ 45,475.98

## HEAT, LIGHT AND POWER.

Coal .....	\$ 52,588.50	
Freight on Coal .....	37,422.14	
Gas .....	15,060.95	
Oil and Fuel Oil.....	2,100.94	
Sundries .....	2,069.51	
		\$109,242.04

## REPAIRS AND IMPROVEMENTS.

Cement, lime and plaster.....	\$ 1,913.12	
Doors, sashes, etc. ....	186.56	
Electrical work and supplies.....	2,607.27	
Hardware, iron, steel, etc. ....	2,543.44	
Lumber .....	1,013.65	
Machines, (detached) .....	5,432.26	
Paints, oils, glass, etc.....	3,968.54	
Plumbing, steam fitting and supplies.....	7,977.62	
Roofing and materials .....	401.63	
Sundries .....	104.41	
		\$ 26,148.50

## FARM, STABLE AND GROUNDS.

Automobile supplies .....	\$ 6,487.52	
Blacksmithing and supplies.....	315.15	
Carriages, wagons, etc., and repairs.....	380.93	
Fertilizers, vines, seeds, etc.....	13,736.78	
Hay, grain, etc. ....	55,954.44	
Harnesses and repairs .....	362.41	
Horses .....	506.05	
Cows .....	1,236.86	
Other live stock .....	319.80	
Rent .....	35.70	
Tools, farm machines, etc.....	5,274.19	
Sundries .....	3,672.44	
		\$ 88,282.27

## MISCELLANEOUS.

Books, periodicals, etc.....	\$ 748.11	
Cuspidor Supplies .....	147.01	
Entertainments .....	1,573.48	
Freight, expressage and transportation.....	911.79	
Gratuities .....	12.00	
Hose, etc. ....	504.42	

## STATE HOSPITAL FOR THE INSANE

Medicine and hospital supplies.....	6,761.63	
Medical attendance, nurses, etc.....	368.60	
Postage .....	2,837.17	
Printing and printing supplies.....	2,545.30	
Printing annual report .....	225.00	
Religious services .....	120.00	
Return of runaways.....	250.63	
Soap and laundry supplies.....	16,151.63	
Stationery and office supplies.....	1,765.27	
School books and school supplies.....	588.72	
Travel and expenses, (official).....	1,034.82	
Telephone and telegraph.....	1,116.93	
Tobacco .....	9,713.62	
Sundries .....	6,766.43	
		<hr/>
		\$ 54,142.56
Total expenses for maintenance.....		<hr/>
Excess of expenses over income June 1, 1918 .....		\$940,824.20
		20,255.20
		<hr/>
Total .....		\$961,079.40

## INCOME.

Charges to the Commonwealth for the support of Indigent Patients, 142,893 6/7 weeks at \$2.50 .....	\$357,234.64	
Received from the Commonwealth to meet de- ficiency in maintenance account for the bi- ennial period ending May 31st, 1919.....	65,000.00	
		<hr/>
		\$422,234.64
Charges to counties and municipalities, 142,893 6/7 weeks at \$2.50.....	\$357,234.69	
Charges to counties and municipalities for trav- eling, funeral and burial expenses.....	1,224.01	
		<hr/>
		\$358,458.70
Charges to private patients.....		98,618.71

## INCOME FROM OTHER SOURCES.

Sales—		
Foods .....	\$ 614.96	
Clothing materials .....	81.14	
Furnishings .....	77.40	
Heat, light and power.....	1,358.39	
Repairs and improvements.....	1,710.78	
Miscellaneous .....	1,254.04	
		<hr/>
		\$ 5,096.71

Sales—

## FARM, STABLE AND GROUNDS

Cows and calves .....	\$4,803.34	
Pigs and hogs.....	2,161.58	
Vegetables .....	.97	
Sand and gravel.....	17.71	
Use of teams.....	58.20	
Sundries .....	2,780.71	
		<hr/>
		\$ 9,822.51

## MISCELLANEOUS RECEIPTS.

Rent .....	\$ 713.00		
Burial and funeral.....	111.00	\$ 824.00	\$ 15,743.22
			<hr/>
			895,055.27
Excess of expenses over income June 1st, 1920.....			66,024.13
			<hr/>
Total .....			\$961,079.40

## SPECIAL APPROPRIATION ACCOUNTS.

Male attendants dormitory building account—			
Materials and labor in construction of dormitory building for male attendants.....			\$ 25,000.00
Automobile garage—			
Materials and labor in construction of automobile garage		525.54	
Vegetable cellar account—			
Materials and labor in construction of vegetable cellar.....		521.43	
Reception and treatment building account—			
Architect's fees for plans and specifications.....		4,692.35	
Hospital furniture and fixtures account—			
Purchase of hospital furniture and fixtures.....		10,000.00	
Appropriation No. 51 A—			
Purchase of land, farming implements, machinery and tools for engineering department, furnishings for at- tendants' home and erection of residence for engineer		7,971.70	
			<hr/>
Total .....			\$48,711.02



## STATEMENT OF WEEKS CHARGED.

	Weeks charged to Private Patients	Weeks charged to Indigent Patients	Total weeks	Total Income.
Quarter ending Aug. 31, 1918.....	1,575 4-7	18,090 1-7	19,665 5-7	\$102,099.40
Quarter ending Nov. 30, 1918.....	1,530 4-7	17,648 4-7	19,179 1-7	101,925.58
Quarter ending Feb. 28, 1919.....	1,523 1-7	17,445 1-7	18,968 2-7	99,289.19
Quarter ending May 31, 1919.....	1,544 4-7	17,975 1-7	19,519 5-7	103,584.03
Quarter ending Aug. 31, 1919.....	1,727 2-7	18,052 2-7	19,779 4-7	104,275.45
Quarter ending Nov. 30, 1919.....	1,782 5-7	17,803 2-7	19,586	104,824.43
Quarter ending Feb. 29, 1920.....	1,786 6-7	17,733	19,519 6-7	105,098.85
Quarter ending May 31, 1920.....	1,913 6-7	18,146 2-7	20,060 1-7	108,958.34
Total.....	13,384 4-7	142,893 6-7	156,278 3-7	\$830,055.27

## CASH SUMMARY ACCOUNT.

Quarter Ending	Received from Commonwealth	Received from Counties, Townships and Municipalities	Rec'd from Private Patients	Borrowed from Warren Nat'l Bank	Rec'd from Other Sources	Total Receipts	Total Disburse- ments.
Aug. 31, 1918.....	\$ 45,207.86	\$ 45,361.88	\$ 11,103.35	\$ .....	\$ 898.41	\$102,571.50	\$102,571.50
Nov. 30, 1918.....	45,225.36	45,480.75	10,975.34	20,000.00	2,741.95	124,423.40	124,423.40
Feb. 28, 1919.....	44,121.43	44,367.39	11,682.93	14,997.00	1,254.80	116,423.55	116,423.55
May 31, 1919.....	77,047.69	43,572.99	11,703.39	.....	2,538.65	134,862.72	134,862.72
Aug. 31, 1919.....	56,503.03	44,924.98	12,779.79	.....	1,054.79	115,262.59	115,262.59
Nov. 30, 1919.....	65,131.07	45,151.76	12,741.65	.....	2,180.28	125,204.76	125,204.76
Feb. 29, 1920.....	44,508.21	44,685.72	14,008.73	.....	2,341.02	105,543.68	105,543.68
May 31, 1920.....	24,332.50	44,359.15	16,813.65	25,000.00	2,733.32	113,238.62	113,238.62
Total.....	\$402,077.15	\$357,904.62	\$101,808.83	\$59,997.00	\$15,743.22	\$937,530.82	\$937,530.82

## STATE HOSPITAL FOR THE INSANE

SUMMARY.  
Special Appropriations.

NAME OF APPROPRIATION	Act of General Assembly	Amount of Appropriation Granted	Amount of App'n ex- pended pre- vious to June 1, 1919	Amount of App'n remain- ing in State Treasury June 1, 1919	Amount of App'n rec'd from State Treasury and expended dur- ing year ending May 31, 1920	Balance of App'n remain- ing in State Treasury June 1, 1920
Reception and Treatment Building	No. 397A, 1917	\$150,000.00	\$ 4,092.35	\$145,907.65	\$ 600.00	\$145,307.65
Male Attendants' Dormitory Building	" "					
Hospital Furniture and Fixtures	" "	25,000.00	18,837.76	6,162.24	6,162.24	
Addition to Farming Land	" "	10,000.00	3,631.95	6,368.05	6,368.05	
Vegetable Cellar	" "	10,000.00	10,000.00			
Automobile Garage	" "	2,500.00	2,500.00			
Purchase of land, farming imple- ments, tools, and supplies for Engineer's Dept. Repairs to machinery. Erection of hennery and other necessary buildings. Furnishing Male Attendants' Home	" "	1,500.00	1,500.00			
Totals	" 51A, 1919	\$25,000.00			7,971.70	17,028.30
		\$224,000.00	\$40,562.06	\$158,437.94	\$21,101.99	\$162,335.95



## INVENTORY

## Personal Property—

Including Provisions, Supplies, Furnishings and Equipment .....\$ 301,771.33

## Real Estate—

Land ..... 109,488.00

## Buildings—

Including all Buildings for Patients, Employes, Farm, Power Plant, etc. .... 1,517,300.00

## Betterments—

Including Water Works, Electric Lighting Plant, Heating System, Sewage and Drainage System, Pavements and Iron Fences ..... 254,000.00

Total Inventory .....\$2,182,559.33

PRODUCTION OF THE FARM AND GARDEN FOR THE  
BIENNIAL PERIOD ENDING MAY 31, 1920.  
VEGETABLES, FRUITS, ETC.

Asparagus, 649 bunches.....	\$ 101.00
Beans, String, 725 bushels.....	1,752.50
Beets, 1,008½ bushels .....	1,175.00
Beet Greens, 88 bushels .....	88.00
Cabbage, 144½ tons.....	8,611.00
Carrots, 1,071 bushels.....	1,618.50
Cauliflower, 1,706 heads.....	399.50
Celery, 1,291 bunches.....	1,127.50
Corn, Sweet, 1,621 bushels .....	2,461.75
Cucumbers, 88¾ bushels .....	88.75
Cucumbers, Pickles, 85 bushels.....	170.00
Currants, 60 quarts .....	18.00
Egg Plant, 525.....	52.50
Lettuce, 363.5 bushels .....	1,016.75
Onions, 232 bushels.....	352.00
Onions, Green, 6,004 bunches.....	459.85
Onion Sets, 48 bushels.....	240.00
Parsley, 2 bushels.....	2.00
Parsnips, 280 bushels.....	500.00
Peas, 268 bushels .....	582.50
Peppers, 90 dozen.....	22.50
Potatoes, 15,022 bushels.....	25,377.50
Pumpkins, 4,000 pounds.....	50.00
Radishes, 5,862 bunches.....	323.60
Rhubarb, 136 bushels .....	272.00
Rutabagas, 733 bushels .....	1,079.50
Spinach, 8 bushels .....	12.00
Strawberries, 3,435 quarts .....	893.47
Squash, Summer, 10 tons.....	600.00
Squash, Winter, 10.2 tons.....	888.00
Tomatoes, 1,008 bushels .....	1,557.00
Tomatoes, Pickles, 96 bushels.....	207.00
Turnips 240 bushels.....	360.00
Apples, 1,724 bushels.....	1,086.00
Apples, Cider, 425 gallons.....	124.00
	<hr/>
	\$ 53,669.67



## MILK, PORK, BEEF, ETC.

Milk to Hospital, 737,111 quarts.....	\$ 58,082.07	
Cream to Hospital, 8,266 quarts.....	3,473.45	
Whole Milk to Calves, 32,517 quarts.....	2,580.65	
Skimmed Milk to Calves, 61,617 quarts.....	1,695.65	
Veal, 2,280 pounds .....	599.38	
Beef, 36,188 pounds.....	7,001.12	
Beef Hides .....	409.36	
Pork, 140,511 pounds.....	35,100.51	
Eggs, 5,034½ dozen .....	2,809.31	
Poultry, 6,430½ pounds.....	1,974.36	
		\$113,725.86

## HAY, GRAIN AND FEED.

Rye, 316 bushels.....	\$ 390.00	
Oats, 6,954 bushels .....	5,468.20	
Barley, 400 bushels .....	400.00	
Corn, Ensilage, 2,290 tons.....	16,820.00	
Corn, Husked, 300 bushels.....	375.00	
Hay, Timothy, 345.81 tons.....	7,195.74	
Hay, Clover, 435.87 tons.....	12,499.23	
Straw, 230.6 tons .....	1,964.80	
Mangels, 5,000 bushels .....	4,500.00	
		\$ 49,612.97

## MISCELLANEOUS.

Wood to Power House, 170 cords.....	\$ 887.50	
Logs, 100 M (estimate).....	4,000.00	
Lumber, 11½ M. ....	667.50	
Teaming for Hospital, 563 days.....	3,894.00	
Sand and Gravel to Hospital, 188 loads.....	376.00	
Sales—		
Cows and Calves.....	4,803.34	
Pigs and Hogs .....	2,161.58	
Vegetables .....	.97	
Sand and Gravel .....	17.71	
Use of Teams .....	58.20	
Sundries .....	2,780.71	
		\$ 19,647.51

Total ..... \$236,656.01

GREEN HOUSE PRODUCTION FOR THE BIENNIAL PERIOD  
ENDING MAY 31st, 1920.

Carnations .....	63,520
Roses .....	15,125
House Plants .....	7,800
Greens .....	700 dozen
Lilies .....	1,410
Chrysanthemums .....	5,216
Antirrhinum .....	9,065
Violets .....	4,523
Mixed Flowers .....	11,781

## GARDEN FLOWERS.

Asters .....	4,596
Gladioli .....	2,505
Dahlias .....	1,300
Sweet Peas .....	3,200
Mixed Garden Flowers .....	25,000
Bedding Plants .....	26,212

Respectfully submitted,

H. A. ROSS,  
Steward.



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## A P P E N D I X

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## Admission of Patients

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1. The admission of patients is governed by law, and the attention of applicants is directed to the following provisions of the Act of Assembly approved May 8, 1883, to-wit:

"No person shall be received as a patient for treatment or for detention into any house or place where more than one person is detained for compensation, without a certificate signed by at least two physicians, residents in this Commonwealth, who have been actually in the practice of medicine for at least five years, both of whom shall certify that they have examined separately the person alleged to be insane, and after such an examination had do verily believe the person is insane, and that the disease is of a character, which, in their opinion, requires that the person should be placed in a Hospital or other establishment where the insane are detained for care and treatment and that they are not related by blood or marriage to the person alleged to be insane, nor in any way connected as a medical attendant or otherwise with the Hospital or other establishment in which it is proposed to place such person."

The certificate above provided for shall be made within one week of the examination of the patient and within two weeks of the time of admission of the patient, and shall be duly sworn to or affirmed before a judge or magistrate of this Commonwealth and the county where such person has been examined, who shall certify to the genuineness of the signatures, and to the standing and good repute of the signers, and any person falsely certifying as aforesaid shall be guilty of a misdemeanor and also liable, civilly, to the party aggrieved.

No person alleged to be insane shall be received into any house for treatment or detention unless at the time of such reception the person or persons at whose instance the person is received shall by writing signed, state that the person is being removed and is to be detained at his or her request under belief that such detention is necessary and for the benefit of the insane person.

There shall also be delivered to the person or persons having supervision or charge of the house a written statement of the following facts relative to the person to be detained, signed by the person or

persons at whose instance the insane person is being removed and detained, or if the facts be not known it shall be so stated:

- (1) The name.
- (2) Age.
- (3) Residence for the past year, or for such thereof as is known.
- (4) Occupation, trade or employment.
- (5) Parents, if living.
- (6) Husband or wife.
- (7) Children.
- (8) Brothers and sisters, and the residence of each of these persons.
- (9) If not more than one of these classes is known, the names and residence of such of the next degree of relatives that are known.
- (10) A statement of the time at which the insanity has been supposed to exist, and the circumstances that induce the belief that insanity exists.
- (11) Name and address of all medical attendants of the patient during the last two years.

2. Whenever a patient is sent to the Hospital by the order of any Court, Justice, Judge, Directors of the Poor of a county, or the Overseers of the Poor of a township or poor district, the order or warrant, or a copy thereof, by which such person is sent, shall be lodged with the Superintendent.

3. All insane persons, residing in the district, who apply for admission with proper papers, and are willing and able to pay their expenses shall be admitted and furnished accommodations. Payment of board for thirteen weeks in advance shall be made for such patient when brought to the Hospital.

4. Each patient before admission shall be made perfectly clean and be free from vermin or any contagious or infectious disease.

5. Each male patient shall be provided with at least three new shirts, a new and substantial coat, vest and pantaloons, of strong woolen cloth, three pairs of woolen socks, a black stock or cravat, a good hat or cap, a pair of new shoes or boots, together with a comfortable outside garment.

6. Each female patient, in addition to the same quality of undergarments, shoes and stockings, shall have a flannel petticoat, two good dresses, also a coat or other outside garment. In case the patient is so much excited as not to admit of being thus clothed, other

clothing that can be kept on that is comfortable and in sufficient quantities, with a change thereof, may be substituted.

7. It is very desirable that extra and better apparel should be sent with those accustomed to it, that when their health is improved, and when they attend religious worship, walk or ride out, their self-respect may be preserved. In all cases the patients' best clothing should be sent; it will be carefully preserved, and only used when it is deemed necessary for the purposes above mentioned. Jewelry and all superfluous articles of dress, knives and like property, should be left at home.

8. A written history should be sent with the patient, and if possible, some one acquainted with the patient should accompany him or her to the Hospital, from whom minute, but often, essential particulars may be learned.

9. The price of boarding, including washing, mending and attention for all who are supported by the authorities of the counties and townships, will be the amount required by law. For private patients hereafter admitted, the price of board, attendance and treatment will vary from seven dollars a week upwards, according to expense incurred. For patients sent by the public authorities, payment will be required at the end of each quarter.

10. In all cases of private patients, one quarterly payment for board and expense must be made in advance and a bond given with approved security conditioned for the payment of future quarterly installments in like manner and also for the removal of the patient when discharged, which bond shall be delivered by the Superintendent to the Secretary of the Board. In the absence of such quarterly payment in advance and the accompanying bond as aforesaid, the patient shall not be received into the Hospital, and it shall be the duty of the Secretary to see that the collection of said bonds, according to their condition, is strictly enforced.

11. In case of death, the parties responsible for the expenses of the patient will be notified by letter or telegraph, and if no response is received the patient will be cared for as the law directs.

#### ANATOMICAL LAW ENACTED JUNE 13, 1883.

Sec. 2. "All public officers, agents and servants, and all officers, agents and servants of any and every county, city, township, borough, district and other municipality and of any and every almshouse, prison, morgue, hospital, or other public institution having charge or control over dead human bodies required to be buried at the public expense, are hereby required to notify the said board of distribution, or



such person or persons as may from time to time be designated by said board, or its duly authorized officer, or agent, whenever any such body or bodies come into his or their possession, charge or control, and shall, without fee or reward, deliver such body or bodies, and permit and suffer the said board and its agents, and the physicians and surgeons from time to time designated by them, who may comply with the provisions of this Act, to take and remove all such bodies to be used within this state for the advancement of medical science; but no such notice need be given, nor shall any such body be delivered if any person claiming to be and satisfying the authorities in charge of said body that he or she is of kindred or is related by marriage to the deceased, shall claim the said body for burial, but it shall be surrendered for interment, nor shall the notice be given or body be delivered if such deceased person was a traveler who died suddenly, in which case the said body shall be buried."

"Persons voluntarily placing themselves" in the Hospital, "and who may be suffering from nervous diseases, threatening mental disorder, may" (under the Act of May 10, 1893), "be received for a period of one month or less, by an agreement which shall also specify the time, signed by them at the time of admission, and they may renew said agreement at the end of one month, but no agreement shall be deemed to authorize their remaining unless signed in the presence of some adult person attending as a friend of the person applying in the presence of and also by the medical attendant."

## Forms of Admission

### CERTIFICATE OF PHYSICIANS.

We, the undersigned, residents of Pennsylvania, hereby certify that we have within one week prior to the respective dates hereinafter mentioned at\* .....

.....in the County of  
..... separately examined .....  
off ..... and do verily believe that the said  
..... is insane, and the disease  
is of a character, which in our opinion, requires the person shall be placed in a hospital or other establishment where the insane are detained for care and treatment.

We further certify that we are graduates of an incorporated medical college, and that we have been actually in the practice of medicine for at least five years and that we are not related by blood or marriage to the said .....  
nor in any way connected as a medical attendant or otherwise with the Hospital or other establishment in which it is proposed to place the aforesaid.

Signed ..... M.D.

Residence .....

Dated.....day of.....one thousand nine hundred.....

Signed ..... M.D.

Residence .....

Dated.....day of.....one thousand nine hundred.....

\*Here insert the street and number of the house (if any) or like particulars.

†Here residence and profession or occupation (if any).

### CERTIFICATE OF A MAGISTRATE OR JUDICIAL OFFICER.

(The certificate of a Prothonotary or Notary Public cannot be accepted).

I, ....., a..... of.....  
.....County, in the Commonwealth of Pennsylvania, do certify that the foregoing certificate was duly sworn or affirmed before me by the above named.....on.....  
day of.....19.....that the signatures thereto are genuine and the signers are physicians of good standing and repute.

Signed.....[L. S.]

## ORDER FOR THE RECEPTION OF A PATIENT.

I, ....., the undersigned, hereby request you to receive....., an insane person, as patient into the State Hospital for the Insane at Warren, Pennsylvania, at the expense of.....believing that such detention is necessary for.....benefit.

Subjoined is a statement respecting the said.....

Signed .....

Occupation .....

Degree of relationship (if any) or other circumstances of..... connection with the patient.....

Dated this.....day of.....one thousand nine hundred.....

To the Superintendent of the State Hospital for the Insane at Warren, Pa.

## STATEMENT.

(If any particulars in this statement be not known, the fact to be so stated).

1. Name of patient with Christian name at length.

2. Sex, age and nativity.

3. Residence for the past year or so much thereof as is known.

4. Occupation, trade or employment.

5. Name of parents, if living.

6. Name of husband or wife.

7. Names of children.

8. Names of brothers and sisters and the residence of each of these persons.

9. If not more than one of these classes is known, the names and residence of such of the next degree of relations as are known.

10. Names and addresses of all medical attendants of the patient during the last two years.

DAW

11. A statement of the time which the insanity has been supposed to exist and the circumstances that induce the belief that insanity exists.

Signed .....

When the person who signs the statement is not the person who signs the order, the following particulars concerning the person signing the statement are to be added:

Occupation, if any.....

Residence .....

Degree of relationship, if any.....

Or other circumstances of connection with the patient.

#### BOND FOR THE ADMISSION OF PRIVATE PATIENTS.

Know all Men by These Presents, That we.....  
and.....of.....in the County  
of.....and State of Pennsylvania  
are held and firmly bound unto the Trustees of the State Hospital  
for the Insane at Warren, Pennsylvania, and their successors in  
office, in the sum of five hundred dollars, for the payment of which  
we, and each of us, do bind ourselves, our and each of our executors,  
and administrators, firmly by these presents. Sealed with our seals  
and dated the.....day of.....19.....

Whereas, Application is herewith filed in behalf of.....  
of.....in the County of.....and State  
aforesaid, for admission as a patient to the Hospital at Warren,  
Pennsylvania, which is under the management of the said obligees:

Now, therefore, the condition of this obligation is such that so long  
as said patient shall continue in said Hospital, if admitted thereto,  
and until discharged therefrom, if the said obligors shall pay to said  
obligees, on account of said patient, together with such extra rate of  
charge, if any, as may be occasioned by extraordinary care and atten-  
tion, in such amount or amounts and at such stated time or times as  
said payments may be required, and shall provide suitable clothing,  
and pay said obligees in like manner as aforesaid, for all other neces-  
sary articles of clothing by them provided for said patient, as well as  
all reasonable funeral expenses of said patient in case of death, and  
shall remove said patient from said Hospital when ever by the Super-  
intendent thereof so required to do, then this obligation to be void,  
else to be and remain in full force and virtue.

And further.....do hereby authorize and empower any  
attorney of any Court of record of Pennsylvania or elsewhere to ap-  
pear with or without declaration with costs of suit, release of errors,

without stay of execution, and with five per cent. attorney's commission for collection.....do also waive the right and benefit of any law of this or any other state exempting property, real or personal, from sale, and if levy is made on land.....do also waive the right of inquisition and consent to the condemnation thereof, with full liberty to sell the same on Fi. Fa. with release of errors thereon.

.....[L. S.]  
.....[L. S.]  
.....[L. S.]

Sealed and delivered in the presence of  
.....  
.....















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DEPARTMENT OF PUBLIC WELFARE,  
BUREAU OF MENTAL HYGIENE,  
WM. C. SANDY, M. D., DIRECTOR,  
HARRISBURG, PA.

BIENNIAL REPORT OF THE  
**STATE HOSPITAL  
FOR THE INSANE**

AT WARREN, PENNSYLVANIA



FOR THE BIENNIAL PERIOD ENDING  
MAY THIRTY-FIRST  
NINETEEN HUNDRED TWENTY-TWO

PPW  
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PPW 145/9.1 1922 c.2  
State Hospital for the  
Insane at Warren (Pa.)  
Biennial Report of the State  
Hospital for the Insane at

# Biennial Report

of the

## STATE HOSPITAL FOR THE INSANE

at

Warren, Pennsylvania

for the

Period Ending May 31, 1922

to the

Commissioner, Department of Public Welfare  
State of Pennsylvania

## OFFICERS OF THE HOSPITAL

### *Trustees*

WILLIAM E. RICE, President.....	Warren, Warren County
A. LINCOLN BELL, Vice President.....	Ridgway, Elk County
BRYAN H. OSBORNE, Secretary.....	Franklin, Venango County
R. B. STONE.....	Bradford, McKean County
CHARLES R. GALBRATH.....	Franklin, Venango County
ARTHUR M. LOWENTRITT.....	Oil City, Venango County
GEORGE A. REED, M. D.....	Erie, Erie County

---

### *Physician-in-Chief and Superintendent*

H. W. MITCHELL, M. D.

### *Assistant Physicians*

IRA A. DARLING, M. D.	ADELAIDE ELLSWORTH, M. D.
HOSEA W. MCADOO, M. D.	MERLE Q. HOWARD, M. D.
HOWARD K. PETRY, M. D.	JAY GOULD, M. D.
MARY P. MITCHELL, M. D.	

### *Pathologist*

PAUL G. WESTON, M. D.

### *Consulting Ophthalmologist*

E. D. MCKEE, M. D.

### *Consulting Surgeon*

WILLIAM M. ROBERTSON, M. D.

### *Dentist*

JOSEPH T. DANFORTH, D. D. S.

### *Superintendent of Nurses*

AMY L. MACLAREN, R. N.

### *Steward*

HAROLD A. ROSS

### *Accountant*

GUY C. JOHNSON

### *Treasurer*

N. C. SILL

## STANDING COMMITTEES

---

### *Executive Committee*

BRYAN H. OSBORNE

CHARLES SCHIMMELFENG

R. B. STONE

A. LINCOLN BELL

### *Committee on Employees and Salaries*

R. B. STONE

CHARLES SCHIMMELFENG

A. LINCOLN BELL

A. M. LOWENTRITT

### *Farm Committee*

CHARLES SCHIMMELFENG

C. R. GALBRATH

A. M. LOWENTRITT

### *Auditing Committee*

C. R. GALBRATH

A. LINCOLN BELL

A. M. LOWENTRITT

BRYAN H. OSBORNE

### *Building Committee*

A. LINCOLN BELL

CHARLES SCHIMMELFENG

GEO. A. REED, M. D.

R. B. STONE

### *Committee on Purchase*

A. M. LOWENTRITT

C. R. GALBRATH

BRYAN H. OSBORNE

CHARLES SCHIMMELFENG

### *Monthly Visiting Committee*

GEO. A. REED, M. D.

A. LINCOLN BELL

C. R. GALBRATH

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Stated meetings of the Board, Third Friday of March, June, September  
and December.



## Report of Board of Trustees

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State Hospital for the Insane, Warren, Penna.

June 1, 1922.

To Hon. John M. Baldy, Commissioner, Department of  
Public Welfare, State of Pennsylvania.

Sir:

The Board of Trustees of the State Hospital for the Insane, at Warren, Pennsylvania, has the honor of submitting the thirty-seventh report of the hospital, covering the biennial period ending May 31, 1922.

The hospital population of 1539 patients reported in the last biennial period has increased to 1649 patients remaining in the hospital June 1, 1922. The increase would have been larger but for the very liberal use of the parole system. It has been the policy of this hospital, for many years, to grant parole privilege to all patients, when conditions seemed favorable for such a trial, and as in the past, many patients thus paroled remain at home for indefinite periods. Requests for such paroles are never refused when a patient's condition warrants trial, and the hospital initiative is frequently taken in sending patients to the custody of their friends or the county authorities.

During the first half of the biennial period reported, the hospital operated at a deficit amounting to \$113,-975.87 for the year ending May 31, 1921. This result was to some extent due to the fact that the maintenance rate for indigent patients remained at \$5.00 weekly, a rate considered barely adequate before the war. The last legislature increased the rate to \$6.00 weekly, an amount which has proven barely adequate to meet needs for the year ending May 31, 1922. The reduction in the cost of staple supplies has been offset by the increased amount paid in wages. This increase is not due to any recent raise in wages, which in mechanical depart-

ments is now less than given to similar workmen in the district and in the case of others not exceeding that paid by other similar hospitals, but to the fact that the number of employees now approaches the normal quota for the necessary work of the hospital. The number of employees was far below normal in recent years. It is improbable that the hospital can be operated according to desirable standards on a lesser sum than \$6.00 weekly for the support of indigent patients, and the legislature should be requested to make this the maintenance rate for an indefinite period. The increase was given only for the biennial period ending May 31, 1923. For many years this hospital, with others in the state, has operated with an annual deficit which the Warren State Hospital has kept to a minimum by allowing furnishings and equipment to fall to the lowest possible point consistent with successful hospital operations. The increased income will allow replacements and increase in the depleted equipment.

Successful farming operations for the two years have gone far to cut down deficits for one year and to enable us to live within our income during the hospital year just ended. There have been unusually good crops, particularly of vegetables and garden truck, and the dairy and hennery products have been better than at any time in the history of the hospital.

The appropriation of \$150,000 granted for the erection of a reception hospital remains unexpended. When the last legislature convened, it was found that the cost of building construction had increased approximately three fold over that prevailing at the time the appropriation was first granted and when construction was delayed on account of war conditions. After conference with the Appropriation Committees, it was decided to draw a bill asking for sufficient funds to complete the building and to await the resumption of more normal conditions in the building trade.

Special appropriations aggregating \$61,550 were received. Most of the work or replacements made possible by these appropriations has been completed or is now under construction, and all such work requiring the super-

vision of various state departments, has been inspected as performed, or submitted for approval in the case of work not yet completed.

Since the war, the hospital has been selected by the government for the care of insane soldiers resident in western Pennsylvania, and in addition, many such soldiers requiring neuropsychiatric examinations and report to the government, have been admitted to the hospital as voluntary, private patients, for the purpose of examination, diagnosis and report, pending the organization of a permanent medical service by the government, in this section of the state. The hospital is now relieved of such examinations but is to be used indefinitely for the care and treatment of soldiers requiring hospital detention. In addition to the treatment of committed patients, the hospital has received many individuals sent in from the hospital district for the purpose of diagnosis and report upon conditions necessitating neuropsychiatric methods and experience.

An out-patient clinic has also been established to meet the needs of the surrounding community in the examination of such persons as may be referred by courts, school nurses, Red Cross and other charitable agencies.

The Board of Trustees looks forward to the future with the expectation that the hospital will be of more and more service to the community in such extramural activities and expects that with the beginning return to normal conditions, the larger work of the hospital in all its departments will increase in its efficiency and usefulness to the state.

The Board regrets to announce the death of a member, Mr. Charles Schimmelfeng, who for many years had served as a Trustee, giving freely of his time and excellent judgment to supervision of the hospital's activities. His duties were never performed in a perfunctory manner and he gave to the service of the hospital at all times the same degree of attention which he had devoted to his own affairs during a long period of successful business activities. He will be greatly missed by his associates on the Board and by the officers of the hospital.

The continued service of Dr. H. W. Mitchell as Superin-



tendent and Physician-in-Chief of this hospital, to which he has been unanimously re-elected, is cause for congratulation. His election, also, as president of the American Psychiatric Association at its annual meeting in Quebec and his official relation to other professional bodies in Pennsylvania and elsewhere are not only calculated to afford us a measure of gratification but, also, continued assurance that in the conduct of this institution, we are kept well abreast with the approved results of experience and study not only in respect to hospital administration but also regarding the care and treatment of the insane.

BOARD OF TRUSTEES,

	WM. E. RICE,
(Signed)	(President)
	R. B. STONE,
	GEO. A. REED, M. D.
	ARTHUR M. LOWENTRITT,
	BRYAN H. OSBORNE,
	A. LINCOLN BELL
	C. R. GALBRATH.

# Report of the Superintendent

To the Board of Trustees of the State Hospital for the Insane, Warren, Pennsylvania.

Gentlemen:

In accordance with the requirements of your Board, the thirty-seventh report of the superintendent, covering the two years ending May 31, 1922, is herewith submitted.

## STATISTICAL TABLES.

TABLE 1.—*General Information Year Ending May 31, 1921.*

1. Date of opening as an institution for the insane: December 9, 1880.
2. Type of institution: State, county, endowed private, or unendowed private? State.
3. Hospital plant:

Value of hospital property:

Real estate including buildings	.	.	.	.	\$1,898,620.00
Personal property	.	.	.	.	301,771.33
Total	.	.	.	.	<u>\$2,200,391.33</u>

Total acreage of hospital property owned, 1,285.30 acres.  
(Includes grounds, farm and garden sites occupied by buildings.)

Additional acreage rented.

Total acreage under cultivation during previous year, 557.20 acres.  
(Includes land owned and rented.)

4. Officers and Employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	Males	Females	Total	Males	Females	Total
Superintendents	1	—	1	—	—	—
Assistant physicians	5	1	6	1	—	1
Medical internes	—	—	—	—	—	—
Clinical assistants	—	—	—	—	—	—
Total physicians	<u>6</u>	<u>1</u>	<u>7</u>	<u>1</u>	<u>—</u>	<u>1</u>

Stewards . . . . .	1	—	1	—	—	—
Non-resident dentists . . . . .	1	—	1	—	—	—
Graduate nurses . . . . .	6	19	25	—	—	—
Other nurses and attendants . . . . .	60	39	99	—	17	17
Teachers of occupational therapy . . . . .	—	—	—	—	—	—
Social workers . . . . .	—	—	—	—	—	—
All other officers and employees . . . . .	91	48	139	—	—	—
Total officers and employees	165	107	272	1	17	18

## 5. Census of patient population at end of year:

WHITE	Actually in Institution			Absent from Institution but still on Books		
	Males	Females	Total	Males	Females	Total
Insane . . . . .	773	802	1575	38	23	61
Epileptics . . . . .	—	—	—	—	—	—
Mental defectives . . . . .	—	—	—	—	—	—
Alcoholics . . . . .	—	—	—	—	—	—
Drug addicts . . . . .	2	—	2	1	—	1
Neurosyphilitics (without psychosis) . . . . .	—	—	—	—	—	—
All other cases . . . . .	—	6	6	—	—	—
Total . . . . .	775	808	1583	39	23	62
COLORED						
Insane . . . . .	6	6	12	—	—	—
Epileptics . . . . .	—	—	—	—	—	—
Mental defectives . . . . .	1	—	1	—	—	—
Alcoholics . . . . .	—	—	—	—	—	—
Drug addicts . . . . .	—	—	—	—	—	—
Neurosyphilitics (without psychosis) . . . . .	—	—	—	—	—	—
All other Cases . . . . .	—	—	—	—	—	—
Total . . . . .	7	6	13	—	—	—
GRAND TOTAL . . . . .	782	814	1596	39	23	62

	Males	Females	Total
6. Patients employed in industrial classes or in general hospital work on date of report . . . . .	374	407	781
7. Average daily number of all patients actually in institution during year . . . . .	782	814	1596
8. Voluntary patients admitted during year . . . . .	39	4	43
9. Persons given advice or treatment in out-patient clinics during year . . . . .	—	—	—

## 13

## Receipts

Balance on hand from previous fiscal year		\$	0.00
Received from appropriations (State)			308,162.03
Received from paying patients	Indigent 183,578.26		262,627.33
	Private 79,049.07		
Received from all other sources			6,850.91
Total receipts			\$577,640.27

1. Expenditures for maintenance of patients:	
Salaries and wages . . . . .	\$216,285.22
Provisions (food) . . . . .	117,739.40
Fuel, light and water . . . . .	81,321.84
All other expenditures for maintenance . . . . .	151,685.86
Total expenditures for maintenance . . . . .	\$567,032.32
2. Expenditures for purposes other than maintenance, including new buildings, additions, extraordinary repairs, improvements, etc. . . . .	10,607.95
3. Expenditures for repayment of loans and interest on loans . . . . .	.....
Total expenditures . . . . .	\$577,640.27
Amount returned to state treasurer or other officials . . . . .	0.00
Balance on hand at close of year . . . . .	0.00
Total disbursements, including balance on hand . . . . .	\$577,640.27

	INSANE		
	Males.	Females.	Total.
1. Insane patients on books of institution at beginning of institution year . . . . .	809	785	1,594
2. Admissions during year:			
(a) First admissions . . . . .	190	144	334
(b) Readmissions . . . . .	27	28	55
(c) Transfers from other institutions for mental diseases . . . . .	5	6	11
3. Total received during year . . . . .	222	178	400
4. Total on books during year . . . . .	1,031	963	1,994
5. Discharged from books during year:			
(a) As recovered . . . . .	3	6	9
(b) As improved . . . . .	72	64	136
(c) As unimproved . . . . .	17	1	18
(d) As without psychosis . . . . .	20	1	21
(e) Transferred to other institutions for mental diseases . . . . .	3	2	5
(f) Died during year . . . . .	96	52	148
6. Total discharged, transferred and died during year . . . . .	211	126	337
7. Insane patients remaining on books of institution at end of institution year . . . . .	820	837	1,657

# STATISTICAL TABLES

TABLE 1.—*General Information Year Ending May 31, 1922.*

1. Date of opening as an institution for the insane: December 9, 1880.
2. Type of institution: State, county, endowed private, or unendowed private? State.

3. Hospital plant:

Value of hospital property:

Real estate including buildings . . . . . \$1,909,520.00

Personal property . . . . . 297,100.67

Total . . . . . \$2,206,620.67

Total acreage of hospital property owned, 1,285.30 acres.

(Includes grounds, farm and garden and sites occupied by buildings.)

Additional acreage rented.

Total acreage under cultivation during previous year, 557.20 acres.

(Includes land owned and rented.)

4. Officers and Employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	Males	Females	Totals	Males	Females	Totals
Superintendents . . . . .	1	—	1	—	—	—
Assistant physicians . . . . .	6	1	7	—	—	—
Medical internes . . . . .	—	—	—	—	—	—
Clinical assistants . . . . .	—	—	—	—	—	—
Total physicians . . . . .	7	1	8	—	—	—
Stewards . . . . .	1	—	1	—	—	—
Non-resident dentists . . . . .	1	—	1	—	—	—
Graduate nurses . . . . .	9	24	33	—	—	—
Other nurses and attendants . . . . .	53	44	97	—	12	12
Teachers of occupational therapy . . . . .	—	—	—	—	—	—
Social workers . . . . .	—	—	—	—	—	—
All other officers and employees . . . . .	95	50	145	—	—	—
Total officers and employees . . . . .	166	119	285	—	12	12

5. Census of patient population at end of year.

WHITE	Actually in Institution			Absent from Institution but still on Books		
	Males	Females	Totals	Males	Females	Totals
Insane . . . . .	807	822	1629	38	23	61
Epileptics . . . . .	—	—	—	—	—	—
Mental defectives . . . . .	—	—	—	—	—	—
Alcoholics . . . . .	—	—	—	—	—	—
Drug addicts . . . . .	1	1	2	1	—	1
Neurosyphilitics (without psychosis) . . . . .	—	—	—	—	—	—
All other cases . . . . .	—	—	—	—	—	—
Total . . . . .	808	823	1631	39	23	62

COLORED									
Insane . . . . .	7	10	17	—	—	—			
Epileptics . . . . .	—	—	—	—	—	—			
Mental defectives . . . . .	1	—	1	—	—	—			
Alcoholics . . . . .	—	—	—	—	—	—			
Drug addicts . . . . .	—	—	—	—	—	—			
Neurosyphilitics (without psychosis)	—	—	—	—	—	—			
All other cases . . . . .	—	—	—	—	—	—			
Total . . . . .	8	10	18	—	—	—			
GRAND TOTAL . . . . .	816	833	1649	39	23	62			
6. Patients employed in industrial classes or in general hospital work on date of report . . . . .				395	290	685			
7. Average daily number of all patients actually in institution during year . . . . .				816	833	1649			
8. Voluntary patients admitted during year . . . . .				10	11	21			
9. Persons given advice or treatment in out-patient clinics during year . . . . .				3	9	12			

TABLE 2.—*Financial Statement. Year ending, May 31, 1922.*

<i>Receipts</i>		
Balance on hand from previous fiscal year . . . . .	\$	0.00
Received from appropriations State . . . . .		255,028.15
Received from paying patients { Indigent \$229,051.35		313,287.48
{ Private 84,236.13 . . . . .		5,704.76
Received from all other sources . . . . .		\$574,020.39
Total receipts . . . . .		
<i>Disbursements</i>		
1. Expenditures for maintenance of patients:		
Salaries and wages . . . . .	\$233,315.53	
Provisions (food) . . . . .	89,384.40	
Fuel, light and water . . . . .	77,738.14	
All other expenditures for maintenance . . . . .	142,393.76	
Total expenditures for maintenance . . . . .		\$542,831.83
2. Expenditures for purposes other than maintenance, including new buildings, additions, extraordinary repairs, improvements, etc. . . . .		25,976.87
3. Expenditures for repayment of loans and interest on loans . . . . .		.....
Total expenditures . . . . .		\$568,808.70
Amount returned to state treasurer or other officials . . . . .		.....
Balance on hand at close of year . . . . .		5,211.69
Total disbursements, including balance on hand . . . . .		\$574,020.39

TABLE 3.—*Movement of Insane Patient Population for Year Ending May 31, 1922*

	INSANE		
	Males.	Females.	Totals.
1. Insane patients on books of institution at beginning of institution year . . . . .	820	837	1,657
2. Admissions during year:			
(a) First admissions . . . . .	192	156	348
(b) Readmissions . . . . .	38	32	70
(c) Transfers from other institutions for mental diseases . . . . .	3	4	7
3. Total received during year . . . . .	233	192	425
4. Total on books during year . . . . .	1,053	1,029	2,082
5. Discharged from books during year:			
(a) As recovered . . . . .	3	2	5
(b) As improved . . . . .	86	75	161
(c) As unimproved . . . . .	18	14	32
(d) As without psychosis . . . . .	20	8	28
(e) Transferred to other institutions for mental diseases . . . . .	1	2	3
(f) Died during year . . . . .	89	78	167
6. Total discharged, transferred and died during year . . . . .	216	177	393
7. Insane patients remaining on books of institution at end of institution year . . . . .	816	833	1,649

For the year ending May 31, 1922, the hospital population shows an increase of 110 patients during the biennial period. This is a somewhat larger increase than the average for the same length of time.

The statistical figures have, for the first time, been compiled upon the standard forms adopted by the American Psychiatric Association and National Committee for Mental Hygiene.

One male patient who had enjoyed full parole privileges of the grounds, for many years, was accidentally run over and killed by a freight train on the tracks running through the hospital grounds.

One male patient committed suicide by hanging. Following the established custom, all sudden deaths not fully accounted for by natural causes, have been reported to the coroner, who in every instance had conducted an examination. No inquests have been deemed necessary.

## II.

### SENILE PSYCHOSES.

Thirty-nine men and forty-eight women were diagnosed as having some form of senile psychosis; this number constituting 12.7% of all first admissions. This classifi-



cation has been reserved to include only patients showing mental dilapidation of some sort beginning in or after the fifth decade and with no important causative factor other than beginning physical and mental decay of old age. These feeble old people whose minds have become weakened, usually to such an extent that they are unable to properly co-operate in their own care, cannot be expected to recover. Under the hospital routine with proper rest, careful attention to nourishment, and strict hygienic supervision, many improve enough to live comfortably and happily for a number of years. Thirty men and twenty-five women of this group have died; four men and three women have been discharged as improved; and one woman was discharged as unimproved.

### III.

#### PSYCHOSES WITH CEREBRAL ARTERIOSCLEROSIS.

During the two year period covered by this report, twenty-eight men and nine women have been admitted on account of psychoses secondary to cerebral arteriosclerosis, this number being 5.5% of the first admissions. These patients were all in the sixth decade of life or older, and most of them were ill physically, at the time of admission. Six of the men improved enough to warrant trials at home and have not had to return to the hospital thus far. Nineteen men and twelve women of this group have died.

### IV.

#### GENERAL PARALYSIS.

General paralysis of the insane caused the admission of fifty-three men and twenty-three women, a total of seventy-six or 11.1% of all first admissions. The figures are more instructive when divided by sexes, then showing that this disease was responsible for the commitment of 14% of the men and 7.6% of the women. During the past ten years numerous forms of treatment have been used in this disease. At one time or another nearly every suggested line of specific treatment has been utilized especially in cases showing early symptoms.

We are unable to record any "cures" as the result of any form of treatment. Many remissions have been noted; the physical condition of patients has been benefited, we believe, as a result of treatment.

In 1920 it was decided to place all patients with paresis on some form of specific treatment, regardless of the stage of the disease, and this plan has been carried out faithfully. The majority of patients were given alternating courses of cyanide of mercury intravenously and potassium iodide by mouth. Other groups were given intravenous neo-arsphenamine, protoiodide or red iodide of mercury by mouth, intra-spinal injections of mercurialized or arsphenamized serum and mercurialized serum into the cisterna magna. The adoption of this policy has resulted in a far more comfortable life for the average patient. One of the most striking features is, that the stage of contractures and bedsores is almost entirely eliminated. During the two year period fifty-three men and ten women have died; fourteen men and two women have been discharged as improved; two men and two women have been discharged as unimproved.

#### V.

#### PSYCHOSES WITH CEREBRAL SYPHILIS.

A diagnosis of cerebral syphilis has been made in the cases of one man and three women during the past two years. This group shows marked contrast with the general paralytic group and clearly illustrates the comparatively small numbers of patients with cerebral syphilis that have to be sent to a hospital for the insane. This disease was responsible for only 0.6% of the new admissions. There have been no deaths among the cerebral syphilitics and but one discharge, a woman sent out as unimproved.

#### VI.

#### PSYCHOSES WITH HUNTINGTON'S CHOREA.

Three men and one woman among the new admissions had psychoses secondary to Huntington's chorea. Two of the men were distant relatives and belonged to a family in which the disease is prevalent. The other man

and the woman both came from heavily tainted families. This disease accounts for 0.6% of the new admissions. Three men and two women with this disease died during the biennial period.

### VIII.

#### PSYCHOSES WITH OTHER BRAIN OR NERVOUS DISEASES.

Five men and five women admitted during the past two years were grouped under psychoses with other brain and nervous diseases. Five were associated with tabes; one was secondary to cerebral hemorrhage; one was secondary to a cerebellar abscess; one to Sydenham's chorea; one to paralysis agitans; and one to encephalitis lethargica. Three men and two women died; one man and one woman were discharged as improved; and one man was discharged as unimproved.

### IX.

#### ALCOHOLIC PSYCHOSES.

Twenty men and one woman were admitted on account of alcoholic psychoses during the past two years. For the four year period prior to 1918 the admission rate for alcoholic psychoses was 10% and for the four year period following 1918 it was slightly more than 3%. Four men with chronic alcoholic insanity died of intercurrent diseases; three men were discharged as recovered; and thirteen men and one woman were discharged as improved.

### X.

#### PSYCHOSES DUE TO DRUGS AND OTHER EXOGENOUS TOXINS.

Drug psychoses account for eight cases or 1.1% of the new admissions during the last two years. This number compares very closely with the average during the previous six years. Three of these patients were men and five were women. Four men died; one man was discharged as recovered; two men and three women were discharged as improved.

## XII.

## PSYCHOSES WITH OTHER SOMATIC DISEASES.

Psychoses secondary to some somatic disease caused the commitment of five men and seven women or nearly 2% of the first admissions. Acute infectious diseases were responsible for three; cardio-renal disease for three; cardio-renal disease complicated by syphilis for two; tuberculosis for two; and thyroid disturbance for two. Six men and two women of this group died; and two women were discharged as improved.

## XIII.

## MANIC-DEPRESSIVE PSYCHOSES.

Manic-depressive insanity was the cause of admission for seventeen men and twenty-four women. This group constitutes 6% of all new admissions. The marked reduction in percentage of admissions, compared with former reports, is accounted for by the fact that at this time only first admissions are taken into consideration, whereas former reports were based upon total admissions. The apparent reduction in the occurrence of this form of insanity is in reality only an index showing the great frequency of recurrences and the necessity for numerous periods of hospital care. Twelve men and twenty-six women of this group died; two men and three women were discharged as recovered; twenty-five men and forty-six women were discharged as improved; and one man was discharged as unimproved.

## XIV.

## INVOLUTION MELANCHOLIA.

Involutional melancholia was responsible for 3.6% of the first admissions, seven men and eighteen women. Two men and seven women died; one man and fifteen women were discharged as improved.

## XV.

## DEMENTIA PRAECOX.

During the past two years fifty-four men and fifty-five women have been placed in the dementia praecox group, this number constituting 16% of all the first admissions.

The reports of the six previous years show an incidence of a little over 20%. The reduction in the frequency of this diagnosis is accounted for by the fact that the present report only takes into consideration first admissions, whereas, former figures included all admissions. The medical staff has not attempted any specific type of treatment for dementia praecox but has paid special attention to improving the general physical health of the individual patient, by careful study of the medical features of each case with appropriate medical or surgical treatment as indicated. This is supplemented by hydrotherapy, intensive training in personal hygiene, and persistent attempts at re-education along productive lines. That this type of care is reasonably successful is clearly demonstrated by the fact that sixty-one patients with dementia praecox have been discharged during the past biennial period, this number being 56% of the number admitted during the same period. One woman was discharged as recovered; forty-one men and nineteen women as improved; four men and two women as unimproved. The staff is very conservative in the use of the term "recovered." Many of the families consider the patients taken home as perfectly normal but if slight residuals can be demonstrated by a careful examination the patient is listed as improved rather than as recovered. Twenty-three men and twenty-two women of the dementia praecox group have died during the period covered by this report.

#### XVI.

#### PARANOIA OR PARANOID CONDITION.

Four men and three women have been diagnosed as having paranoia or a paranoid condition. This number makes 1% of all first admissions. One man and one woman of this group have died; two men and three women have been discharged as improved; and one woman has been discharged as unimproved.

#### XVII.

#### EPILEPTIC PSYCHOSES.

Twelve men and four women have been committed on account of epileptic psychoses. This group constitutes



2% of the first admissions. These patients have been given routine treatment with luminal, one of the newer drugs, and a distinct improvement in the condition of the group as a whole has been observed. Many patients have a great reduction in the number of seizures and nearly all show some decrease in the frequency of attacks. When the number is not reduced there is often a decrease in the severity of the seizures. In addition to the foregoing the irritability and fault finding that is such a prominent characteristic of epilepsy is greatly lessened. This drug is not considered a specific and does not cure the disease, but experience indicates that it is a very useful addition to our armamentarium. A few patients are still found to get along better with the old form of bromide treatment. Whatever form of drug therapy is used it must be combined with a carefully supervised hygienic and dietetic regime. Six men and one woman have died; four men and two women have been discharged as improved; one man has been discharged as unimproved.

#### XVIII.

##### PSYCHONEUROSES AND NEUROSES.

One man and one woman were diagnosed neurasthenia, one woman hysteria and one woman psychasthenia. This small group accounts for less than one percent of the first admissions. One woman was discharged as recovered; three men and four women were discharged as improved; one man was discharged as unimproved.

#### XIX.

##### PSYCHOSES WITH CONSTITUTIONAL PSYCHOPATHIC INFERIORITY.

Three men and one woman of the first admissions have been diagnosed constitutional psychopathic inferiority. One woman died; one man and four women have been discharged as improved.

#### XX.

##### PSYCHOSES WITH MENTAL DEFICIENCY.

Fourteen men and five women, 2.7% of the first admissions, have been committed on account of psychoses

with mental deficiency. Four men and four women of this group have died; six men have been discharged as improved; and three men have been discharged as unimproved.

## XXI.

### UNDIAGNOSED PSYCHOSES.

This group is large because there has been a constant tendency at staff meetings to limit our diagnoses to cases showing typical symptoms of the various psychoses.

Fourteen men and thirteen women of this group died; two women were discharged as recovered; twenty-three men and twenty-seven women were discharged as improved; nine men and four women were discharged as unimproved.

## XXIII.

### NOT INSANE.

Fifty-nine men and fourteen women admitted during the biennial period were classed as not insane. This group constitutes 10.6% of all first admissions. The great increase in this group is explained by an extension of the hospital activities to include examinations of ex-soldiers, suspected of neuro-psychiatric troubles, through co-operation with the United States Veterans' Bureau, and an increased use of the hospital for aid in diagnosis by physicians of the vicinity, through use of the voluntary commitment. One man of this group was in the terminal stages of tuberculosis when admitted. He died a few weeks later. Forty-seven men and twelve women were discharged.

The general health of the hospital has aside from many influenza cases during the past year, been very good. One case of smallpox developed in the hospital in the case of a nurse returning from a vacation. General vaccination and isolation prevented any spread of the disease. A few cases of diphtheria have been brought to the hospital, but with no resulting spread. It is now over ten years since a case of typhoid fever has developed in the wards of the hospital. Prophylactic inoculation is being practiced in the case of incoming patients.



The hospital facilities for examination and diagnosis of patients which have been freely offered to physicians of the community for neuro-psychiatric cases requiring advice, have been used more or less freely, especially in the cases of neurosyphilis where intensive treatment has been given to these and regularly committed cases, arsphenamine and mercury being used alternately in the hope that cases of paresis may be retarded and other forms of neurosyphilis permanently benefitted. The differential diagnosis between early paresis and some less fatal form of neurosyphilis is so uncertain that such treatment is indicated in all cases showing serological evidence of any form of neurosyphilis.

The laboratory activities have been directed freely, as formerly, to supplementing clinical study of cases and in maintaining the general health of the hospital. The work formerly reported on blood chemistry, serology, urinalysis, bacteriology, typhoid prophylaxis and post-mortem examinations has been continued.

Some experimental work has been conducted upon the value of the sedative action of magnesium sulphate, which has, in our experience proven effective and apparently less objectionable than other forms of hypnotics. The work of others on the action of various salts introduced into the subarachnoid space and the known action of calcium, sodium and magnesium suggested that in mania there might be an excess and in depression a deficiency of calcium and if such were found to be the case, the reestablishment of the salt balance might be of therapeutic value. The blood and spinal fluid of fifteen manics and ten depressions was examined and the amounts of calcium, potassium, sodium and magnesium determined. No variation from the normal was found. The following papers have been prepared by members of the staff since the last report:

"Heredity in Pernicious Anemia"—Dr. H. McAdoo, Warren County Medical Society.

"A Case of Bichloride of Mercury Poison"—Dr. Adelaide Ellsworth, Warren County Medical Society.

"The Woman Doctor in the War"—Dr. Adelaide Ellsworth, Penna. State Medical Journal, XXII, 23.

“Magnesium Sulphate as Sedative”—Dr. Paul Weston, American Psychiatric Association.

“Epidemic Encephalitis”—Dr. Paul Weston, Jamestown Medical Society.

Our surgical consultant and dentist rendered constant and effective service during the two year period.

The hospital facilities have been offered to the community by the establishment of an out-patient clinic to which patients referred may be examined and their condition reported to the local nursing association, Red Cross officers and school officers.

There have been numerous changes in the medical staff since our last report.

Melbourne J. Pond, M. D., resigned September 25, 1920, to take up post-graduate medical work.

E. H. Lum, M. D., resigned December 23, 1920, after a very short service.

C. A. Bonner, M. D., resigned January 8, 1921, to accept promotion in another state.

E. J. Werle, M. D., was obliged to leave the service January 28, 1921, for personal reasons.

C. D. Toole, M. D., after finishing the year's appointment, resigned March 31, 1921.

P. A. Petree, M. D., resigned November 7, 1921, to accept a position in South America.

Felix Brunot, M. D., resigned after a few months service, December 17, 1921.

H. W. McAdoo, M. D., Howard K. Petry, M. D., Jay Gould, M. D., and M. Q. Howard, M. D., have received appointments to fill the vacancies created.

The nurses training school activities are under the continued supervision of Mrs. Amy MacLaren and the affiliation of our school with the Hamot Hospital Training School at Erie, Pa., continues to work satisfactorily, the arrangement being that sometime during the course of the three years, one year shall be spent at the Hamot Hospital before graduation. Our graduates are thus eligible to take the examination of the Pennsylvania State Board for Registration of Nurses. There has been an improvement in the nursing service since the

end of the war, now that the necessary graduates can be secured to take charge of the wards. The requirements of the nursing board call for continually increasing time in class work and instruction.

Lists of graduates for the years 1920 and 1921 are as follows:

1920.

Ruth C. Palmer  
Mary L. Hardes  
Mary J. Sturdy

Mary E. McWilliams  
Elsie C. Palmquist  
Mary Mellander

1921.

Pearl DeEtta Bradley  
Mary Fidelia Little  
Ruth Hildur Lindblaud  
Violet O. McCracken

Cecile I. Boyle  
Pearl Lyncolah Lawson  
Emma Acenith McMahan  
Lillian McCracken O'Gorman

Carl Gavitt, Donald Earl Howe, 2nd year graduates.

The farming operations for the last two years have been more successful than previously recorded in recent years. Part of this work is due to unusually good seasons for crops and to the improvement which has followed the adoption of improved methods of breeding.

The milk production of the herd was increased for the past year to an average of 10,539 pounds per animal—an increase of something like 1517 pounds over the preceding year. Poultry and eggs have never been produced satisfactorily until the new hennery was opened and this furnished nearly 12,000 dozen of eggs with a large amount of poultry during the past year. The hospital herd has a certificate of freedom from tuberculosis, granted by the government and the state, for the first time in the history of the hospital. We are much indebted to the State Veterinarian, Dr. T. E. Munce and his associates for the success in their efforts to exterminate tuberculosis in the herd and to improve the character and quantity of its production.

#### FINANCES:

The increased board rate for indigent patients of one dollar weekly, granted by the last legislature, has enabled the hospital to live within its income, during the past twelve months, when the increase first became effective.

## SPECIAL APPROPRIATIONS:

List of the special appropriations granted by the last legislature with the status of each follows:

1. Installation of Skinner Overhead Garden Irrigation System, Amount appropriated \$4,000.00  
(System has been in operation for the second year).
2. Erection of Machinery and Farm Implement Shed, Amount appropriated..... 5,000.00  
(Completed within appropriation amount).
3. Construction of Ferry Boat, Amount appropriated..... 1,000.00  
(Completed within appropriation amount).
4. Construction of Root Cellar, Amount appropriated..... 1,500.00  
(Work will be completed during the summer).
5. Addition to Calf Barn, Amount appropriated..... 3,000.00  
(Work in process of completion).
6. Purchase of Farm Machinery, Amount appropriated..... 5,000.00  
(Amount about half expended).
7. Installation of Rendering Plant, Amount appropriated..... 2,000.00  
(Work not begun).
8. Construction of Sanitary Ceiling in Dairy Barn, Amount Appropriated..... 1,200.00  
(Work completed within the appropriation amount).
9. Changes in Electric Wiring, Amount appropriated..... 5,000.00  
(Work has been completed under supervision of Department of Public Grounds and Buildings within appropriation amount).

- |     |  |           |
|-----|--|-----------|
| 10. | Changes in Fire Protection, Amount appropriated.....                                     | 4,000.00  |
|     | (Work nearly completed under supervision of Department of Public Grounds and Buildings). |           |
| 11. | Erection of four Cottages, Amount appropriated.....                                      | 10,000.00 |
|     | (Work under construction).   |           |
| 12. | Installation of Auxiliary Pumping Unit, Amount Appropriated.....                         | 4,200.00  |
|     | (Work completed within the appropriation).   |           |
| 13. | Installation of Boiler Feed Pump, Amount appropriated.....                               | 650.00    |
|     | (Work completed within appropriation amount).  |           |
| 14. | Relaying gas and water lines to Farm Colony, Amount appropriated.....                    | 15,000.00 |
|     | (Portion of piping relayed; balance remains unexpended).                                 |           |

Rev. J. N. Morrison, who conducted Protestant services in the local community and at the hospital, was called to another parish, and Rev. Benj. M. Swan has been appointed to succeed him. Rev. Father Liebel continues to bring comfort and consolation to all Catholic patients.

Acknowledgment of gifts for the use of the patients is due the following donors:

B. Get	Minnie Miller
Marion Bush	Mary C. Brooks
Conewango Club	North Warren Sunday School
Christian Endeavor Society of North Warren	

Reports to your Board in recent years have dealt so freely with deficits in running expenses, reduction in equipment and need of repairs and renovations neglected in an effort to reduce deficits that it has been discouraging to follow one such report with another. With an adequate maintenance rate established and a return to more normal conditions, we can look forward to a realization of completing plans for development that have been long delayed.

It is a pleasure to acknowledge the help which has been given so freely by each member of the Board of Trustees whenever advice has been necessary to meet our various difficulties. I most fully appreciate the many evidences given by the Board of your continued support and confidence.

Respectfully submitted,

H. W. MITCHELL

May 31, 1922.



## STATE HOSPITAL FOR THE INSANE

TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions*  
*Year Ending May 31, 1921.*

NATIVITY.	PATIENTS.			PARENTS OF MALE PATIENTS.			PARENTS OF FEMALE PATIENTS.		
	Males.	Females.	Totals.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States . . . . .	153	121	274	8	7	80	3	4	53
Africa . . . . .	—	—	—	—	—	—	—	—	1
Asia . . . . .	—	—	—	—	—	—	—	—	—
Australia . . . . .	—	—	—	—	—	—	—	—	—
Austria . . . . .	4	2	6	—	1	7	—	—	4
Belgium . . . . .	—	—	—	—	—	—	—	—	—
Canada . . . . .	2	3	5	4	1	1	1	1	—
Central America . . . . .	—	—	—	—	—	—	—	—	—
China . . . . .	—	—	—	—	—	—	—	—	—
Czecho-Slovakia . . . . .	1	—	1	—	—	—	—	—	—
Cuba . . . . .	—	—	—	—	—	—	—	—	—
Denmark . . . . .	2	2	4	1	3	2	1	1	4
England . . . . .	1	—	1	—	—	—	—	—	1
Europe . . . . .	1	—	1	—	—	—	—	—	1
Finland . . . . .	—	—	—	—	—	—	—	—	—
France . . . . .	—	—	—	—	—	1	—	—	—
Germany . . . . .	3	3	6	2	2	8	2	1	7
Greece . . . . .	—	—	—	—	—	—	—	—	—
Holland . . . . .	—	—	—	—	—	—	—	—	—
Hungary . . . . .	1	—	1	—	—	—	—	—	—
India . . . . .	—	—	—	—	—	—	—	—	—
Ireland . . . . .	2	—	2	2	1	9	1	1	—
Italy . . . . .	7	6	13	—	—	8	—	—	4
Japan . . . . .	—	—	—	—	—	—	1	—	—
Jugo-Slavia . . . . .	—	—	—	—	—	—	—	—	—
Mexico . . . . .	—	—	—	—	—	—	—	—	—
Norway . . . . .	—	—	—	—	—	—	—	—	—
Philippine Islands . . . . .	—	1	1	—	—	—	—	—	—
Poland . . . . .	2	—	2	—	—	1	1	1	1
Porto Rico . . . . .	—	—	—	—	—	—	—	—	—
Portugal . . . . .	—	—	—	—	—	—	—	—	—
Roumania . . . . .	1	—	1	—	—	—	—	—	1
Russia . . . . .	2	—	2	—	—	6	—	—	—
Scotland . . . . .	1	1	2	1	1	1	1	1	1
South America . . . . .	—	—	—	—	—	—	—	—	—
Spain . . . . .	—	—	—	—	—	—	—	—	—
Sweden . . . . .	3	1	4	—	—	4	—	—	3
Switzerland . . . . .	—	—	—	—	—	—	—	—	—
Turkey in Asia . . . . .	—	—	—	—	—	—	—	—	—
Turkey in Europe . . . . .	—	—	—	—	—	—	—	—	—
Wales . . . . .	—	—	—	—	—	—	1	—	—
West Indies . . . . .	—	—	—	—	—	—	—	—	—
Other countries . . . . .	—	—	—	—	—	—	—	—	—
Unascertained . . . . .	4	4	8	2	3	43	2	5	48
Total . . . . .	190	144	334	20	19	171	14	15	129

TABLE 5.—*Citizenship of First Admissions Year Ending May 31, 1921.*

	Males.	Females.	Totals
Citizens by birth . . . . .	153	121	274
Citizens by naturalization . . . . .	27	14	41
Aliens . . . . .	2	2	4
Citizenship unascertained . . . . .	8	7	15
Totals . . . . .	190	144	334



TABLE 6.—*Psychoses of First Admissions Year Ending May 31, 1921.*

PSYCHOSES.	Males.	Females.	Totals.
1. Traumatic psychoses . . . . .	18	20	38
2. Senile psychoses, total . . . . .	5	15	20
(a) Simple deterioration . . . . .	1	—	1
(b) Presbyophrenic type . . . . .	—	—	—
(c) Delirious and confused states . . . . .	—	1	1
(d) Depressed and agitated states in addition to deterioration . . . . .	2	3	5
(e) Paranoid states in addition to deterioration . . . . .	—	1	1
(f) Pre-senile types . . . . .	21	5	26
3. Psychoses with cerebral arteriosclerosis . . . . .	22	11	33
4. General paralysis . . . . .	1	2	3
5. Psychoses with cerebral syphilis . . . . .	2	—	2
6. Psychoses with Huntington's chorea . . . . .	—	—	—
7. Psychoses with brain tumor . . . . .	3	1	4
8. Psychoses with other brain or nervous diseases, total . . . . .	1	—	1
Cerebral embolism . . . . .	—	—	—
Paralysis agitans . . . . .	—	—	—
Meningitis, tuberculous or other forms . . . . .	—	—	—
Multiple sclerosis . . . . .	—	—	—
Tabes . . . . .	2	1	3
Acute chorea . . . . .	—	—	—
Other conditions . . . . .	9	1	10
9. Alcoholic psychoses, total . . . . .	—	—	—
(a) Pathological intoxication . . . . .	2	—	2
(b) Delirium tremens . . . . .	2	1	3
(c) Acute hallucinosis . . . . .	1	—	1
(d) Acute paranoid type . . . . .	—	—	—
(e) Korsakow's psychosis . . . . .	2	—	2
(f) Chronic hallucinosis . . . . .	2	—	2
(g) Chronic paranoid type . . . . .	—	—	—
(h) Alcoholic deterioration . . . . .	—	—	—
(i) Other types, acute or chronic . . . . .	—	—	—
10. Psychoses due to drugs and other exogenous toxins, total . . . . .	3	2	5
(a) Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined . . . . .	2	2	4
(b) Metals, as lead, arsenic, etc. . . . .	—	—	—
(c) Gases . . . . .	—	—	—
(d) Other exogenous toxins . . . . .	1	—	1
11. Psychoses with pellagra . . . . .	5	5	10
12. Psychoses with other somatic diseases, total . . . . .	—	—	—
(a) Delirium with infectious diseases . . . . .	—	—	—
(b) Post-infectious psychoses . . . . .	—	—	—
(c) Exhaustion delirium . . . . .	—	1	1
(d) Delirium of unknown origin . . . . .	—	—	—
(e) Diseases of the ductless glands . . . . .	—	—	—
(f) Cardio-renal disease . . . . .	5	2	7
(g) Other diseases or conditions . . . . .	—	2	2
13. Manic-depressive psychoses, total . . . . .	11	12	23
(a) Manic type . . . . .	5	6	11
(b) Depressive type . . . . .	2	5	7
(c) Stupor . . . . .	—	—	—
(d) Mixed type . . . . .	3	1	4
(e) Circular type . . . . .	1	—	1
14. Involution melancholia . . . . .	4	14	18
15. Dementia praecox, total . . . . .	30	27	57
(a) Paranoid type . . . . .	15	13	28
(b) Katatonic type . . . . .	5	6	11
(c) Hebephrenic type . . . . .	9	8	17
(d) Simple type . . . . .	1	—	1
16. Paranoia and paranoic conditions . . . . .	—	2	2
17. Epileptic psychoses, total . . . . .	1	2	3
(a) Deterioration . . . . .	1	—	—
(b) Clouded states . . . . .	—	—	—
(c) Other conditions . . . . .	—	—	—
18. Psychoneuroses and neuroses, total . . . . .	—	1	1
(a) Hysterical type . . . . .	—	—	—
(b) Psychasthenic type . . . . .	—	—	—
(c) Neurasthenic type . . . . .	—	1	1
(d) Anxiety neuroses . . . . .	—	—	—
19. Psychoses with constitutional psychopathic inferiority . . . . .	3	1	4
20. Psychoses with mental deficiency . . . . .	6	1	7
21. Undiagnosed psychoses . . . . .	18	31	49
22. Not insane, total . . . . .	33	6	39
(a) Epilepsy without psychosis . . . . .	1	—	1
(b) Alcoholism without psychosis . . . . .	—	—	—
(c) Drug addiction without psychosis . . . . .	6	2	8
(d) Constitutional psychopathic inferiority without psychosis . . . . .	—	—	—
(e) Mental deficiency without psychosis . . . . .	2	3	5
(f) Others . . . . .	24	1	25
Totals . . . . .	292	221	513

## STATE HOSPITAL FOR THE INSANE

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1921.*

RACE.	TOTAL.			PSYCHOSES												WITH OTHER SOMATIC DISEASES																				
	Males.	Females.	Totals.	SENILE.			WITH CEREBRAL ARTERIO-SCLEROSIS.			GENERAL PARALYSIS.			WITH CEREBRAL SYPHILIS.			WITH HUNTING-TON'S CHOREA.			WITH OTHER BRAIN OR NERVOUS DISEASES.			ALCOHOLIC.			DUE TO DRUGS AND OTHER EXOGENOUS TOXINS.			Males.			Females.			Totals.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
African (black)	1	1	2	7	9	16	1	5	15	1	2	11	1	2	2	1	1	2	1	1	2	2	1	3	1	1	2	4	2	1	1	1	1	6		
English	90	62	152	1	1	2	10	1	11	9	2	11	1	1	2	2	1	3	1	1	2	2	1	3	1	1	2	4	2	1	1	1	6			
Finnish	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
French	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
German	17	11	28	4	4	8	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2	1	1	1	2			
Greek	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Hebrew	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Irish	10	3	13	1	1	2	3	1	4	2	1	3	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Italian	8	5	13	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Rumanian	4	3	7	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Scandinavian	2	2	4	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Scotch	8	4	12	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Slavonic	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Spanish	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Spanish-American	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Syrian	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Turkish	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Welsh	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
West Indian	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Other specific races	45	46	91	3	7	10	6	6	12	7	3	10	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2	1	1	1	2			
Mixed	4	3	7	1	2	3	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	1	1	1	2			
Race unascertained	190	144	334	18	20	38	21	5	26	22	11	33	1	2	3	2	2	4	3	1	4	9	1	10	3	2	5	5	5	10	5	5	10	5	10	
Totals	190	144	334	18	20	38	21	5	26	22	11	33	1	2	3	2	2	4	3	1	4	9	1	10	3	2	5	5	5	10	5	5	10	5	10	







## STATE HOSPITAL FOR THE INSANE

TABLE 9.—*Degree of Education of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1921.*

PSYCHOSES.	TOTAL.			ILLITERATE.			READS AND WRITES.			COMMON SCHOOL.			HIGH SCHOOL.			COLLEGE.			UNASCERTAINED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic	18	20	38	1	1	2	5	6	11	10	10	20	1	2	3	1	1	2	2	1	3
2. Senile	21	5	26	1	1	2	5	2	7	14	2	16	1	1	2	1	1	2	1	1	2
3. With cerebral arteriosclerosis	22	11	33	1	1	2	5	2	7	14	6	20	1	1	2	1	1	2	1	1	2
4. General paralysis	1	2	3	1	2	3	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	3	1	4	1	—	1	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
8. With other brain or nervous diseases	9	1	10	—	—	—	5	1	6	3	—	3	1	1	2	1	1	2	1	1	2
9. Alcoholic	3	2	5	—	—	—	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With Pellagra	5	5	10	—	—	—	1	—	1	4	2	6	2	2	4	—	—	2	2	1	3
12. With other somatic diseases	11	12	23	—	—	—	3	4	7	6	6	12	2	2	4	—	—	2	2	1	3
13. Manic-depressive	4	14	18	—	—	—	3	4	7	2	12	14	2	1	3	—	—	3	1	4	5
14. Involution melancholia	30	27	57	1	1	2	3	2	5	18	17	35	8	4	12	1	3	4	2	2	4
15. Dementia præcox	—	2	2	—	—	—	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
16. Paranoia or paranoid conditions	1	2	3	—	—	—	1	1	2	—	2	2	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	3	1	4	—	—	—	—	—	—	—	1	1	1	1	2	—	—	2	2	1	3
18. Psychoneuroses and neuroses	6	1	7	—	—	—	3	1	4	3	9	12	2	2	4	—	—	4	2	2	4
19. With constitutional psychopathic inferiority	18	31	49	2	2	4	3	7	10	23	1	24	3	2	5	1	1	2	2	1	3
20. With mental deficiency	33	6	39	8	7	15	43	29	72	112	80	192	19	19	38	3	6	9	5	3	8
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Not insane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	190	144	334	8	7	15	43	29	72	112	80	192	19	19	38	3	6	9	5	3	8

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1921.*

PSYCHOSES.	TOTAL.			URBAN.			RURAL.			UNASCERTAINED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	18	20	38	10	12	22	8	8	16	—	—	—
2. Senile . . . . .	21	5	26	14	3	17	7	2	9	—	—	—
3. With cerebral arteriosclerosis . . . . .	22	11	33	18	8	26	4	3	7	—	—	—
4. General paralysis . . . . .	1	2	3	1	1	2	—	1	1	—	—	—
5. With cerebral syphilis . . . . .	2	—	2	—	—	—	2	—	2	—	—	—
6. With Huntington's chorea . . . . .	3	1	4	2	1	3	1	—	1	—	—	—
7. With brain tumor . . . . .	3	1	4	2	1	3	1	—	1	—	—	—
8. With other brain or nervous diseases . . . . .	3	2	5	6	1	7	3	—	3	—	—	—
9. Alcoholic . . . . .	3	2	5	2	2	4	1	—	1	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	5	—	5	2	—	2	3	—	3	—	—	—
11. With pellagra . . . . .	11	12	23	8	7	15	3	2	5	—	—	—
12. With other somatic diseases . . . . .	4	14	18	2	8	10	2	3	5	—	—	—
13. Manic-depressive . . . . .	30	27	57	15	15	30	15	6	21	—	—	—
14. Involution melancholia . . . . .	—	2	2	—	2	2	—	12	12	—	—	—
15. Dementia praecox . . . . .	1	2	3	1	1	2	—	—	—	—	—	—
16. Paranoia or paranoid conditions . . . . .	3	1	4	—	1	1	—	—	1	—	—	—
17. Epileptic psychoses . . . . .	6	1	7	4	—	4	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	18	31	49	12	19	31	5	12	17	1	—	1
19. With constitutional psychopathic inferiority . . . . .	33	6	39	21	3	24	12	3	15	—	—	—
20. With mental deficiency . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
22. Not insane . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	190	144	334	121	88	209	68	56	124	1	—	1





TABLE 12.—Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1921.

PSYCHOSES.	TOTAL.		ABSTINENT.		TEMPERATE.		INTERTEMPERATE.		UNASCERTAINED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
	Totals.	Totals.	Totals.	Totals.	Totals.	Totals.	Totals.	Totals.	Totals.	Totals.
1. Traumatic . . . . .	18	20	6	19	—	—	2	—	2	—
2. Senile . . . . .	21	5	12	4	8	1	1	—	—	—
3. With cerebral arteriosclerosis . . . . .	22	11	2	7	13	2	6	1	1	—
4. General paralysis . . . . .	1	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis . . . . .	1	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	3	1	1	1	1	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	9	1	—	—	2	—	6	1	1	—
9. Alcoholic . . . . .	3	2	—	—	2	—	1	1	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	5	5	2	4	2	—	1	1	—	—
13. Manic-depressive . . . . .	11	12	6	9	3	1	2	—	—	—
14. Involution melancholia . . . . .	4	14	—	12	4	1	2	—	—	—
15. Dementia præcox . . . . .	30	27	14	24	12	2	3	—	1	—
16. Paranoia or paranoic conditions . . . . .	—	2	—	1	—	1	—	—	—	—
17. Epileptic psychoses . . . . .	1	2	—	1	1	1	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	3	1	1	1	—	—	—	—	—	—
19. With constitutional psychopathic inferiority . . . . .	6	1	2	—	3	—	1	—	—	—
20. With mental deficiency . . . . .	18	31	5	24	6	3	5	—	2	—
21. Undiagnosed psychoses . . . . .	33	6	9	4	16	1	6	1	2	—
22. Not insane . . . . .	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	190	144	62	114	83	15	34	5	11	10
		334		176		98		39		21



TABLE 14.—*Psychoses of Readmissions Year Ending May 31, 1921.*

PSYCHOSES.	Males.	Females.	Totals.
1. Traumatic psychoses . . . . .	—	—	—
2. Senile psychoses, total . . . . .	—	—	—
(a) Simple deterioration . . . . .	—	—	—
(b) Presbyophrenic type . . . . .	—	—	—
(c) Delirious and confused states . . . . .	—	—	—
(d) Depressed and agitated states in addition to deterioration . . . . .	—	—	—
(e) Paranoid states in addition to deterioration . . . . .	—	—	—
(f) Pre-senile types . . . . .	—	—	—
3. Psychoses with cerebral arteriosclerosis . . . . .	1	—	1
4. General paralysis . . . . .	4	—	4
5. Psychoses with cerebral syphilis . . . . .	—	—	—
6. Psychoses with Huntington's chorea . . . . .	—	—	—
7. Psychoses with brain tumor . . . . .	—	—	—
8. Psychoses with other brain or nervous diseases, total . . . . .	—	—	—
Cerebral embolism . . . . .	—	—	—
Paralysis agitans . . . . .	—	—	—
Meningitis, tuberculous or other forms . . . . .	—	—	—
Multiple sclerosis . . . . .	—	—	—
Tabes . . . . .	—	—	—
Acute chorea . . . . .	—	—	—
Other conditions . . . . .	—	—	—
9. Alcoholic psychoses, total . . . . .	3	—	3
(a) Pathological intoxication . . . . .	—	—	—
(b) Delirium tremens . . . . .	—	—	—
(c) Acute hallucinosis . . . . .	2	—	2
(d) Acute paranoid type . . . . .	1	—	1
(e) Korsakow's psychosis . . . . .	—	—	—
(f) Chronic hallucinosis . . . . .	—	—	—
(g) Chronic paranoid type . . . . .	—	—	—
(h) Alcoholic deterioration . . . . .	—	—	—
(i) Other types, acute or chronic . . . . .	—	—	—
10. Psychoses due to drugs and other exogenous toxins, total . . . . .	—	1	1
(a) Opium (and derivatives,) cocaine, bromides, chloral. etc., alone or combined . . . . .	—	1	1
(b) Metals, as lead, arsenic, etc. . . . .	—	—	—
(c) Gases . . . . .	—	—	—
(d) Other exogenous toxins . . . . .	—	—	—
11. Psychoses with pellagra . . . . .	—	—	—
12. Psychoses with other somatic diseases, total . . . . .	—	—	—
(a) Delirium with infectious diseases . . . . .	—	—	—
(b) Post-infectious psychoses . . . . .	—	—	—
(c) Exhaustion delirium . . . . .	—	—	—
(d) Delirium of unknown origin . . . . .	—	—	—
(e) Diseases of the ductless glands . . . . .	—	—	—
(f) Cardio-renal disease . . . . .	—	—	—
(g) Other diseases or conditions . . . . .	—	—	—
13. Manic-depressive psychoses, total . . . . .	4	8	12
(a) Manic type . . . . .	1	2	3
(b) Depressive type . . . . .	1	4	5
(c) Stupor . . . . .	—	—	—
(d) Mixed type . . . . .	2	1	3
(e) Circular type . . . . .	—	1	1
14. Involution melancholia . . . . .	—	2	2
15. Dementia praecox, total . . . . .	7	12	19
(a) Paranoid type . . . . .	5	9	14
(b) Katatonic type . . . . .	1	1	2
(c) Hebephrenic type . . . . .	1	2	3
(d) Simple type . . . . .	—	—	—
16. Paranoia and paranoic conditions . . . . .	—	1	1
17. Epileptic psychoses, total . . . . .	—	—	—
(a) Deterioration . . . . .	—	—	—
(b) Clouded states . . . . .	—	—	—
(c) Other conditions . . . . .	—	—	—
18. Psychoneuroses and neuroses, total . . . . .	—	—	—
(a) Hysterical type . . . . .	—	—	—
(b) Psychasthenic type . . . . .	—	—	—
(c) Neurathenic type . . . . .	—	—	—
(d) Anxiety neuroses . . . . .	—	—	—
19. Psychoses with constitutional psychopathic inferiority . . . . .	—	—	—
20. Psychoses with mental deficiency . . . . .	3	—	3
21. Undiagnosed psychoses . . . . .	2	4	6
22. Not insane, total . . . . .	3	—	3
(a) Epilepsy without psychosis . . . . .	—	—	—
(b) Alcoholism without psychosis . . . . .	—	—	—
(c) Drug addiction without psychosis . . . . .	1	—	1
(d) Constitutional psychopathic inferiority without psychosis . . . . .	—	—	—
(e) Mental deficiency without psychosis . . . . .	—	—	—
(f) Others . . . . . (War Risk Examination)	2	—	2
Totals . . . . .	44	49	93





TABLE 16.—Causes of Death of Patients Classified with Reference to Principal Psychoses Year Ending May 31, 1921.—Continued

	13	17	30	3	2	5	1	1	1	1	4	1	1	1	1	6	7
<i>Circulatory System</i>																	
Acute myocarditis . . . . .																	
Chronic myocarditis . . . . .																	
Acute pericarditis . . . . .																	
Chronic pericarditis . . . . .																	
Acute endocarditis . . . . .			3			1					2						
Chronic endocarditis . . . . .																	
Arteriosclerosis . . . . .																	
Other diseases of the arteries . . . . .																	
Other diseases of circulatory system . . . . .																	
<i>Respiratory System</i>																	
Bronchitis . . . . .	10	7	17		2	3					3	1				1	1
Bronchopneumonia . . . . .	2	1	3								1						
Lobar pneumonia . . . . .																	
Pleurisy . . . . .																	
Gangrene of lungs . . . . .											1						
Other diseases of the respiratory system . . . . .	1	1	2														
<i>Digestive System</i>																	
Ulcer of stomach . . . . .																	
Other diseases of the stomach (cancer excepted) . . . . .			2														
Diarrhea and enteritis . . . . .	1	1															
Appendicitis . . . . .																	
Intestinal obstruction . . . . .																	
Other diseases of intestines . . . . .																	
Cirrhosis of liver . . . . .																	
Other diseases of liver . . . . .																	
Other diseases of digestive system (cancer and tuberculosis excepted) . . . . .																	
<i>Genito-Urinary System</i>																	
Acute nephritis . . . . .	4	3	7		1	1					3					1	1
Chronic nephritis . . . . .	10	2	12		1	1										1	
Other diseases of kidneys and annexa . . . . .																	
Diseases of bladder . . . . .																	
Diseases of genital organs . . . . .																	
Other diseases of genito-urinary system . . . . .																	
<i>Diseases of the Skin</i>																	
Gangrene . . . . .																	
Other diseases of the skin . . . . .																	
<i>Diseases of Bones and Locomotor System</i>																	
(Tuberculosis and rheumatism excepted)																	
<i>Violence</i>																	
Suicide . . . . .																	
Fractures . . . . .																	
Dislocations . . . . .																	
Homicide . . . . .																	
Other external violence . . . . .																	
Total . . . . .	96	52	148	11	8	19	14	6	20	25	3	28	3	3	6	13	19





TABLE 16.—Causes of Death of Patients Classified with Reference to Principle Psychoses Year Ending May 31, 1921—Concluded

	1	5	6	14	7	21	3	1	4	—	1	1	2	—	2	17	8	25
<i>Circulatory System</i>																		
Acute myocarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic myocarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Acute pericarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic pericarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Acute endocarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic endocarditis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Arteriosclerosis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of the arteries . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of circulatory system . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Respiratory System</i>																		
Bronchitis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Bronchopneumonia . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lobar pneumonia . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pleurisy . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gangrene of lungs . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of the respiratory system . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Digestive System</i>																		
Ulcer of stomach . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of the stomach (cancer excepted) . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Diarrhea and enteritis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Appendicitis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Intestinal obstruction . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of intestines . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cirrhosis of liver . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of liver . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of digestive system (cancer and tuberculosis excepted) . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Genito-Urinary System</i>																		
Acute nephritis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic nephritis . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of kidneys and annexa . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Diseases of bladder . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Diseases of genital organs . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of genito-urinary system . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Diseases of the Skin</i>																		
Gangrene . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other diseases of the skin . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Diseases of Bones and Locomotor System</i>																		
(Tuberculosis and rheumatism excepted) . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Violence</i>																		
Suicide . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Fractures . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Dislocations . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Homicide . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other external violence . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total . . . . .	1	5	6	14	7	21	3	1	4	—	1	1	2	—	2	17	8	25

TABLE 17.—Age of Patients at Time of Death Classified with Reference to Principal Psychoses Year Ending May 31, 1921.

PSYCHOSES.	TOTAL.			YEARS.																	
	Males.	Females.	Totals.	20-24			25-29.		30-34.			35-39.			40-44.			45-49.			
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	12	8	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	13	6	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	25	3	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	3	—	3	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	1	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	6	13	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia	1	5	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox	14	7	21	1	1	2	2	1	3	3	3	6	1	—	1	—	—	—	—	—	—
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	3	1	4	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With constitutional psychopathic inferiority	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	7	6	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Not insane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	96	52	148	1	3	4	3	1	4	7	4	11	10	2	12	6	2	8	8	5	13







TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions.*  
*Year Ending May 31, 1922.*

NATIVITY.	PATIENTS.			PARENTS OF MALE PATIENTS.			PARENTS OF FEMALE PATIENTS.		
	Males.	Females	Totals.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States . . . . .	148	128	276	6	4	62	2	3	35
Africa . . . . .	—	—	—	—	—	—	—	—	—
Asia . . . . .	8	4	12	—	—	8	—	—	4
Australia . . . . .	—	—	—	—	—	—	—	—	—
Austria . . . . .	—	—	—	—	—	—	—	—	—
Belgium . . . . .	1	1	2	2	1	1	—	—	—
Canada . . . . .	—	—	—	—	—	—	—	—	—
Central America . . . . .	—	—	—	—	—	—	—	—	—
China . . . . .	1	—	1	—	—	1	—	—	—
Czecho-Slovakia . . . . .	—	—	—	—	—	—	—	—	—
Cuba . . . . .	—	—	—	—	—	—	—	—	—
Denmark . . . . .	4	4	8	1	4	4	4	1	4
England . . . . .	—	—	—	—	—	—	—	—	—
Europe . . . . .	—	—	—	—	—	—	—	—	—
Finland . . . . .	—	—	—	2	—	—	1	—	—
France . . . . .	5	4	9	3	2	8	—	—	6
Germany . . . . .	1	—	1	—	—	—	—	—	—
Greece . . . . .	—	—	—	—	—	—	—	—	—
Holland . . . . .	—	—	—	—	—	—	—	—	—
Hungary . . . . .	—	—	—	—	—	—	—	—	—
India . . . . .	1	2	3	1	1	3	3	1	3
Ireland . . . . .	5	2	7	—	—	5	—	—	2
Italy . . . . .	—	—	—	—	—	—	—	—	—
Japan . . . . .	—	—	—	—	—	—	—	—	—
Jugo-Slavia . . . . .	—	—	—	—	—	—	—	—	—
Mexico . . . . .	—	—	—	—	—	—	—	—	—
Norway . . . . .	—	—	—	—	—	—	—	—	—
Philippine Islands . . . . .	1	3	4	—	—	1	—	—	3
Poland . . . . .	—	—	—	—	—	—	—	—	—
Porto Rico . . . . .	—	—	—	—	—	—	—	—	—
Portugal . . . . .	—	—	—	—	—	—	—	—	—
Roumania . . . . .	3	1	4	1	—	3	—	—	1
Russia . . . . .	2	2	4	—	—	2	—	—	2
Scotland . . . . .	—	—	—	—	—	—	—	—	—
South America . . . . .	—	—	—	—	—	—	—	—	—
Spain . . . . .	6	2	8	1	—	6	—	—	2
Sweden . . . . .	—	—	—	—	—	—	—	—	1
Switzerland . . . . .	—	—	—	—	—	—	—	—	—
Turkey in Asia . . . . .	—	—	—	—	—	—	—	—	—
Turkey in Europe . . . . .	—	—	—	1	—	—	—	—	—
Wales . . . . .	—	—	—	—	—	—	—	—	—
West Indies . . . . .	—	—	—	—	—	—	—	—	—
Other countries . . . . .	6	3	9	—	7	71	—	3	83
Unascertained . . . . .	—	—	—	—	—	—	—	—	—
Total . . . . .	192	156	348	18	19	175	10	8	146

TABLE 5.—*Citizenship of First Admissions Year Ending May 31, 1922.*

	Males.	Females.	Totals.
Citizens by birth . . . . .	148	132	280
Citizens by naturalization . . . . .	37	20	57
Aliens . . . . .	1	1	2
Citizenship unascertained . . . . .	6	3	9
Totals . . . . .	192	156	348



TABLE 6.—*Psychoses of First Admissions Year Ending May 31, 1922.*

PSYCHOSES.	Males.	Females.	Totals.
1. Traumatic psychoses . . . . .	21	28	49
2. Senile psychoses, total . . . . .	15	17	32
(a) Simple deterioration . . . . .	—	2	2
(b) Presbyophrenic type . . . . .	—	—	—
(c) Delirious and confused states . . . . .	—	3	3
(d) Depressed and agitated states in addition to deterioration . . . . .	4	4	8
(e) Paranoid states in addition to deterioration . . . . .	2	2	4
(f) Pre-senile types . . . . .	7	4	11
3. Psychoses with cerebral arteriosclerosis . . . . .	31	12	43
4. General paralysis . . . . .	—	1	1
5. Psychoses with cerebral syphilis . . . . .	1	1	2
6. Psychoses with Huntington's chorea . . . . .	—	—	—
7. Psychoses with brain tumor . . . . .	2	4	6
8. Psychoses with other brain or nervous diseases, total . . . . .	—	—	—
Cerebral embolism . . . . .	—	1	1
Paralysis agitans . . . . .	—	—	—
Meningitis, tuberculous or other forms . . . . .	—	—	—
Multiple sclerosis . . . . .	—	—	—
Tabes . . . . .	1	1	2
Acute chorea . . . . .	—	1	1
Other conditions . . . . .	1	1	2
9. Alcoholic psychoses, total . . . . .	11	—	11
(a) Pathological intoxication . . . . .	—	—	—
(b) Delirium tremens . . . . .	—	—	—
(c) Acute hallucinosis . . . . .	6	—	6
(d) Acute paranoid type . . . . .	1	—	1
(e) Korsakow's psychosis . . . . .	—	—	—
(f) Chronic hallucinosis . . . . .	4	—	4
(g) Chronic paranoid type . . . . .	—	—	—
(h) Alcoholic deterioration . . . . .	—	—	—
(i) Other types, acute or chronic . . . . .	—	—	—
10. Psychoses due to drugs and other exogenous toxins, total . . . . .	—	3	3
(a) Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined . . . . .	—	3	3
(b) Metals, as lead, arsenic, etc. . . . .	—	—	—
(c) Gases . . . . .	—	—	—
(d) Other exogenous toxins . . . . .	—	—	—
11. Psychoses with pellagra . . . . .	—	2	2
12. Psychoses with other somatic diseases, total . . . . .	—	—	—
(a) Delirium with infectious diseases . . . . .	—	—	—
(b) Post-infectious psychoses . . . . .	—	—	—
(c) Exhaustion delirium . . . . .	—	—	—
(d) Delirium of unknown origin . . . . .	—	—	—
(e) Diseases of the ductless glands . . . . .	—	—	—
(f) Cardio-renal disease . . . . .	—	—	—
(g) Other diseases or conditions . . . . .	—	2	2
13. Manic-depressive psychoses, total . . . . .	6	22	28
(a) Manic type . . . . .	2	5	7
(b) Depressive type . . . . .	4	15	19
(c) Stupor . . . . .	—	—	—
(d) Mixed type . . . . .	—	1	1
(e) Circular type . . . . .	—	1	1
14. Involution melancholia . . . . .	3	4	7
15. Dementia præcox, total . . . . .	24	28	52
(a) Paranoid type . . . . .	14	13	27
(b) Katatonic type . . . . .	4	3	7
(c) Hebephrenic type . . . . .	6	9	15
(d) Simple type . . . . .	—	3	3
16. Paranoia and paranoic conditions . . . . .	4	1	5
17. Epileptic psychoses, total . . . . .	11	2	13
(a) Deterioration . . . . .	6	2	8
(b) Clouded states . . . . .	2	0	2
(c) Other conditions . . . . .	3	0	3
18. Psychoneuroses and neuroses, total . . . . .	1	2	3
(a) Hysterical type . . . . .	—	1	1
(b) Psychasthenic type . . . . .	—	1	1
(c) Neurasthenic type . . . . .	1	—	1
(d) Anxiety neuroses . . . . .	—	—	—
19. Psychoses with constitutional psychopathic inferiority . . . . .	—	—	—
20. Psychoses with mental deficiency . . . . .	8	4	12
21. Undiagnosed psychoses . . . . .	36	30	66
22. Not insane, total . . . . .	26	8	34
(a) Epilepsy without psychosis . . . . .	4	—	4
(b) Alcoholism without psychosis . . . . .	—	—	—
(c) Drug addiction without psychosis . . . . .	3	2	5
(d) Constitutional psychopathic inferiority without psychosis . . . . .	1	0	1
(e) Mental deficiency without psychosis . . . . .	4	1	5
(f) Others . . . . .	6	5	11
(g) War Risk Exam. . . . .	8	0	8
Totals . . . . .	294	255	549

TABLE 7.—Race of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.

RACE.	TOTAL.			SENILE.			WITH CEREBRAL ARTERIO-SCLEROSIS.			GENERAL PARALYSIS.			WITH CEREBRAL SYPHILIS.			WITH HUNTING-TON'S CHOREA.			WITH OTHER BRAIN OR NERVOUS DISEASES.			ALCOHOLIC.			DUE TO DRUGS AND OTHER EXOGENOUS TOXINS.			WITH OTHER SOMATIC DISEASES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
African (black)	5	7	12	2	1	3	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
English	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Finnish	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
French	13	11	24	2	2	4	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
German	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Greek	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Hebrew	3	3	6	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Irish	5	3	8	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Italian	6	2	8	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Scandinavian	2	2	4	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Scotch	5	5	10	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Slavonic	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Other specific races	141	116	257	14	23	37	5	3	8	24	9	33	1	1	2	1	1	2	2	3	5	1	1	2	3	3	6	2		
Mixed	8	5	13	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2		
Race unascertained	190	156	346	21	28	49	7	4	11	31	12	43	1	1	2	1	1	2	2	4	6	11	11	3	3	6	2	2		
Totals	190	156	346	21	28	49	7	4	11	31	12	43	1	1	2	1	1	2	2	4	6	11	11	3	3	6	2	2		







TABLE 9.—*Degree of Education of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.*

PSYCHOSES.	TOTAL.			ILLITERATE.			READS AND WRITES.			COMMON SCHOOL.			HIGH SCHOOL.			COLLEGE.			UNASCERTAINED.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
1. Traumatic	21	28	49	—	—	—	8	11	19	11	11	22	—	—	—	—	—	—	2	1
2. Senile	7	4	11	—	—	—	2	—	2	4	4	8	—	—	—	—	—	—	1	—
3. With cerebral arteriosclerosis	31	12	43	—	—	—	7	1	8	14	11	25	8	—	—	—	—	—	1	—
4. General paralysis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	4	6	—	—	—	1	1	2	1	1	2	—	—	—	—	—	—	—	—
9. Alcoholic	11	—	11	—	—	—	4	—	4	4	—	4	1	—	—	—	—	—	2	—
10. Due to drugs and other exogenous toxins	—	3	3	—	—	—	—	—	—	—	3	3	—	—	—	—	—	—	—	—
11. With Pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	2	2	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—
13. Manic-depressive	6	22	28	—	—	—	1	3	4	4	14	18	1	—	—	—	—	—	—	—
14. Involution melancholia	3	4	7	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—
15. Dementia praecox	24	28	52	1	—	1	5	4	9	13	10	23	4	—	—	—	—	—	—	—
16. Paranoia or paranoid conditions	4	1	5	—	—	—	1	1	2	1	—	1	1	—	—	—	—	—	—	—
17. Epileptic psychoses	11	2	13	—	—	—	3	1	4	6	1	7	1	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With constitutional psychopathic inferiority	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	8	4	12	—	—	—	4	4	8	—	—	—	—	—	—	—	—	—	3	—
21. Undiagnosed psychoses	36	30	66	1	—	1	9	9	18	17	13	30	5	—	—	—	—	—	3	—
22. Not insane	26	8	34	1	—	1	6	1	7	15	4	19	1	—	—	—	—	—	3	—
Totals	192	156	348	3	—	3	51	37	88	94	76	170	25	33	58	3	3	6	16	7

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.*

PSYCHOSES.	TOTAL.			URBAN.			RURAL.			UNASCERTAINED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	—	28	—	17	20	37	4	8	12	—	—	—
2. Senile . . . . .	21	4	49	5	—	5	2	—	4	—	—	—
3. With cerebral arteriosclerosis . . . . .	7	12	11	25	—	25	6	—	11	—	—	—
4. General paralysis . . . . .	31	—	43	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	1	1	2	—	—	—	1	—	1	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	2	4	6	2	3	5	—	—	1	—	—	—
9. Alcoholic . . . . .	11	—	11	9	—	9	2	—	2	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	3	3	—	—	—	—	—	3	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	—	2	2	—	—	—	—	—	2	—	—	—
13. Manic-depressive . . . . .	6	22	28	2	15	17	4	7	11	—	—	—
14. Involution melancholia . . . . .	3	4	7	2	2	4	1	2	3	—	—	—
15. Dementia praecox . . . . .	24	28	52	17	22	39	7	6	13	—	—	—
16. Paranoia or paranoid conditions . . . . .	4	1	5	4	1	5	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	11	2	13	7	2	9	4	—	4	—	—	—
18. Psychoneuroses and neuroses . . . . .	—	—	—	—	—	—	1	2	3	—	—	—
19. With constitutional psychopathic inferiority . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency . . . . .	8	4	12	—	3	3	4	1	5	—	—	—
21. Undiagnosed psychoses . . . . .	36	30	66	26	21	47	10	9	19	—	—	—
22. Not insane . . . . .	26	8	34	18	7	25	8	1	9	—	—	—
Totals . . . . .	192	156	348	138	107	245	54	49	103	—	—	—



TABLE 11.—*Economic Condition of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.*

PSYCHOSES.	TOTAL.			DEPENDENT.			MARGINAL.			COMFORTABLE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	—	28	—	18	21	39	—	—	—	3	7	10
2. Senile . . . . .	7	4	11	5	3	8	—	—	—	2	1	3
3. With cerebral arteriosclerosis . . . . .	31	12	43	25	12	37	—	—	—	6	—	6
4. General paralysis . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
5. With cerebral syphilis . . . . .	1	1	2	1	1	2	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	2	4	6	1	4	5	—	—	—	1	—	1
8. With other brain or nervous diseases . . . . .	11	3	14	10	2	12	—	—	—	1	—	1
9. Alcoholic . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	6	2	8	4	20	24	—	—	—	2	1	3
13. Manic-depressive . . . . .	3	4	7	1	4	5	—	—	—	2	2	4
14. Involution melancholia . . . . .	24	28	52	17	25	42	1	—	1	6	3	9
15. Dementia praecox . . . . .	4	1	5	4	1	5	—	—	—	3	—	3
16. Paranoia or paranoic conditions . . . . .	11	2	13	8	2	10	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	2	3	1	1	2	—	—	—	—	1	1
18. Psychoneuroses and neuroses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
19. With constitutional psychopathic inferiority . . . . .	8	4	12	8	4	12	—	—	—	—	—	—
20. With mental deficiency . . . . .	36	30	66	32	25	57	3	—	3	1	5	6
21. Undiagnosed psychoses . . . . .	26	8	34	9	3	12	11	—	11	6	5	11
22. Not insane . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	192	156	348	144	131	275	15	—	15	33	26	59

## STATE HOSPITAL FOR THE INSANE

TABLE 12.—Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.

PSYCHOSES.	TOTAL.			ABSTINENT.			TEMPERATE.			INTERMEDIATE.			UNASCERTAINED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	21	28	49	2	22	24	6	1	7	9	1	9	4	5	9
2. Senile . . . . .	7	4	11	4	3	7	2	1	3	9	1	1	4	5	9
3. With cerebral arteriosclerosis . . . . .	31	12	43	7	6	13	9	3	12	10	1	11	5	2	7
4. General paralysis . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1
5. With cerebral syphilis . . . . .	1	1	2	—	1	1	—	—	—	1	—	1	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	2	4	6	1	3	4	—	—	—	1	—	1	—	—	—
8. With other brain or nervous diseases . . . . .	11	3	14	—	—	—	—	—	—	10	—	10	1	—	1
9. Alcoholic . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	6	22	28	2	17	19	2	1	3	1	—	1	1	4	5
13. Manic-depressive . . . . .	3	4	7	2	3	5	1	—	1	1	—	1	3	1	4
14. Involution melancholia . . . . .	24	28	52	8	17	25	6	1	7	7	—	7	3	10	13
15. Dementia praecox . . . . .	4	1	5	1	1	2	3	—	3	—	—	—	—	—	—
16. Paranoia or paranoid conditions . . . . .	11	2	13	4	2	6	3	—	3	4	—	4	—	—	—
17. Epileptic psychoses . . . . .	1	2	3	1	2	3	3	—	3	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With constitutional psychopathic inferiority . . . . .	8	4	12	3	3	6	2	—	2	—	—	—	—	—	—
20. With mental deficiency . . . . .	36	30	66	8	21	29	7	1	8	16	—	16	5	8	13
21. Undiagnosed psychoses . . . . .	26	8	34	4	4	8	11	—	11	4	—	4	7	3	10
22. Not insane . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	192	156	348	47	109	156	52	10	62	65	2	67	28	35	63

TABLE 13.—*Marital Condition of First Admissions Classified with Reference to Principal Psychoses Year Ending May 31, 1922.*

PSYCHOSES.	TOTAL.			SINGLE.			MARRIED.			WIDOWED.			SEPARATED.			DIVORCED.			UNASCERTAINED.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
1. Traumatic	21	28	49	4	6	10	10	16	26	1	5	6	11	1	1	2	2	7	9	1	1	2
2. Senile	7	4	11	6	1	7	5	2	7	2	2	4	3	1	4	1	1	2	1	1	2	
3. With cerebral arteriosclerosis	31	12	43	6	1	7	21	9	30	3	3	6	1	1	2	1	1	2	1	1	2	
4. General paralysis	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
5. With cerebral syphilis	1	1	2	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. With other brain or nervous diseases	2	4	6	1	1	2	1	2	3	1	1	2	1	1	2	1	1	2	1	1	2	
9. Alcoholic	11	3	14	6	1	7	5	2	7	1	1	2	3	1	4	1	1	2	2	2	4	
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12. With other somatic diseases	—	2	2	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	
13. Manic-depressive	6	22	28	2	6	8	3	15	18	—	—	—	—	—	—	1	1	2	1	1	2	
14. Involution melancholia	3	4	7	1	1	2	2	3	5	1	1	2	1	1	2	1	1	2	2	2	4	
15. Dementia praecox	24	28	52	17	5	22	6	18	24	1	1	2	1	1	2	1	1	2	2	2	4	
16. Paranoia or paranoid conditions	4	1	5	—	—	—	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—	
17. Epileptic psychoses	11	2	13	7	2	9	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—	
18. Psychoneuroses and neuroses	1	1	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19. With constitutional psychopathic inferiority	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20. With mental deficiency	8	4	12	7	4	11	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	
21. Undiagnosed psychoses	36	30	66	17	6	23	17	17	34	2	2	4	3	2	5	2	2	4	4	3	7	
22. Not insane	26	8	34	11	3	14	9	4	13	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	192	156	348	81	37	118	88	93	181	15	14	29	4	3	7	4	8	12	4	3	7	

TABLE 14.—*Psychoses of Readmissions Year Ending May 31, 1922.*

PSYCHOSES.	Males.	Females.	Totals.
1. Traumatic psychoses . . . . .	—	—	—
2. Senile psychoses, total . . . . .	—	—	—
(a) Simple deterioration . . . . .	—	—	—
(b) Presbyophrenic type . . . . .	—	—	—
(c) Delirious and confused states . . . . .	—	—	—
(d) Depressed and agitated states in addition to deterioration . . . . .	—	—	—
(e) Paranoid states in addition to deterioration . . . . .	—	—	—
(f) Pre-senile types . . . . .	—	—	—
3. Psychoses with cerebral arteriosclerosis . . . . .	—	—	—
4. General paralysis . . . . .	4	1	5
5. Psychoses with cerebral syphilis . . . . .	—	—	—
6. Psychoses with Huntington's chorea . . . . .	—	—	—
7. Psychoses with brain tumor . . . . .	—	—	—
8. Psychoses with other brain or nervous diseases, total . . . . .	1	1	2
Cerebral embolism . . . . .	—	—	—
Paralysis agitans . . . . .	—	—	—
Meningitis, tuberculous or other forms . . . . .	—	—	—
Multiple sclerosis . . . . .	—	—	—
Tabes . . . . .	—	1	1
Acute chorea . . . . .	—	—	—
Other conditions . . . . .	1	—	1
9. Alcoholic psychoses, total . . . . .	5	—	5
(a) Pathological intoxication . . . . .	—	—	—
(b) Delirium tremens . . . . .	—	—	—
(c) Acute hallucinosis . . . . .	1	—	1
(d) Acute paranoid type . . . . .	—	—	—
(e) Korsakow's psychosis . . . . .	—	—	—
(f) Chronic hallucinosis . . . . .	2	—	2
(g) Chronic paranoid type . . . . .	—	—	—
(h) Alcoholic deterioration . . . . .	2	—	2
(i) Other types, acute or chronic . . . . .	—	—	—
0. Psychoses due to drugs and other exogenous toxins, total . . . . .	—	—	—
(a) Opium (and derivatives) cocaine, bromides, chloral, etc., alone or combined . . . . .	—	—	—
(b) Metals, as lead, arsenic, etc. . . . .	—	—	—
(c) Gases . . . . .	—	—	—
(d) Other exogenous toxins . . . . .	—	—	—
11. Psychoses with pellagra . . . . .	—	—	—
12. Psychoses with other somatic diseases, total . . . . .	—	—	—
(a) Delirium with infectious diseases . . . . .	—	—	—
(b) Post-infectious psychoses . . . . .	—	—	—
(c) Exhaustion delirium . . . . .	—	—	—
(d) Delirium of unknown origin . . . . .	—	—	—
(e) Diseases of the ductless glands . . . . .	—	—	—
(f) Cardio-renal disease . . . . .	—	—	—
(g) Other diseases or conditions . . . . .	—	—	—
13. Manic-depressive psychoses, total . . . . .	9	7	16
(a) Manic type . . . . .	6	5	11
(b) Depressive type . . . . .	2	8	10
(c) Stupor . . . . .	—	—	—
(d) Mixed type . . . . .	—	1	1
(e) Circular type . . . . .	1	3	4
14. Involution melancholia . . . . .	—	—	—
15. Dementia praecox, total . . . . .	7	4	11
(a) Paranoid type . . . . .	4	2	6
(b) Katatonic type . . . . .	3	—	3
(c) Hebephrenic type . . . . .	—	2	2
(d) Simple type . . . . .	—	—	—
16. Paranoia and paranoic conditions . . . . .	—	1	1
17. Epileptic psychoses, total . . . . .	1	1	2
(a) Deterioration . . . . .	1	—	1
(b) Clouded states . . . . .	—	—	—
(c) Other conditions . . . . .	—	1	1
18. Psychoneuroses and neuroses, total . . . . .	—	—	—
(a) Hysterical type . . . . .	—	—	—
(b) Psychasthenic type . . . . .	—	—	—
(c) Neurathenic type . . . . .	—	—	—
(d) Anxiety neuroses . . . . .	—	—	—
19. Psychoses with constitutional psychopathic inferiority . . . . .	1	—	1
20. Psychoses with mental deficiency . . . . .	3	1	4
21. Undiagnosed Psychoses . . . . .	1	2	3
22. Not insane, total . . . . .	3	2	5
(a) Epilepsy without psychosis . . . . .	—	—	—
(b) Alcoholism without psychosis . . . . .	1	—	1
(c) Drug addiction without psychosis . . . . .	—	—	—
(d) Constitutional psychopathic inferiority without psychosis . . . . .	—	—	—
(e) Mental deficiency without psychosis . . . . .	1	—	1
(f) Others . . . . .	1	2	3
Totals . . . . .	61	45	106

TABLE 15.—Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge Year Ending May 31, 1922.

PSYCHOSES.	TOTAL.			RECOVERED.			IMPROVED.			UNIMPROVED.			NOT INSANE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—
2. Senile . . . . .	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis . . . . .	9	2	11	—	—	—	8	1	9	1	1	2	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	1	1	2	—	—	—	1	1	2	—	—	—	—	—	—
9. Alcoholic . . . . .	11	—	11	3	—	3	8	—	8	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	2	2	4	—	—	—	2	2	4	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	13	1	14	—	—	—	13	1	14	—	—	—	—	—	—
13. Manic-depressive . . . . .	—	23	23	—	—	—	—	22	9	—	—	—	—	—	—
14. Involution melancholia . . . . .	19	9	28	—	—	—	17	8	25	2	2	4	—	—	—
15. Dementia praecox . . . . .	2	11	13	—	—	—	2	3	5	—	—	—	—	—	—
16. Paranoia or paranoid conditions . . . . .	2	4	6	—	—	—	2	1	3	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	2	1	3	—	—	—	2	4	6	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	2	4	6	—	—	—	2	—	2	—	—	—	—	—	—
19. With constitutional psychopathic inferiority . . . . .	2	—	2	—	—	—	5	—	5	1	—	1	—	—	—
20. With mental deficiency . . . . .	16	—	16	—	—	—	14	16	30	12	4	16	—	—	—
21. Undiagnosed psychoses . . . . .	21	8	29	—	—	—	9	4	13	—	—	—	—	—	—
22. Not insane . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals . . . . .	107	91	198	3	2	5	86	75	161	18	14	32	—	—	—



[illegible]











TABLE 18.—Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses Year Ending May 31, 1922.

PSYCHOSES.	TOTAL.			MONTHS.												YEARS.					
	Males.	Females.	Totals.	LESS THAN 1.			1-3.			4-7.			8-12.			1-2.			3-4.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	18	17	35	5	1	6	6	7	13	3	3	6	—	—	—	2	3	5	—	1	1
3. With cerebral arteriosclerosis	6	6	12	3	—	3	1	1	2	—	—	—	1	1	2	1	2	3	1	1	2
4. General paralysis	28	7	35	3	—	3	5	—	5	5	3	8	3	1	4	8	2	10	3	1	4
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	1	2	3	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	1	4	1	1	2	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—
9. Alcoholic	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	6	13	19	1	1	2	1	1	2	—	2	2	—	—	—	1	1	2	1	1	2
14. Involution melancholia	1	2	3	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—
15. Dementia praecox	9	15	24	—	—	—	—	—	—	1	1	2	—	—	—	3	2	5	—	1	1
16. Paranoia or paranoid conditions	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—
17. Epileptic psychoses	3	—	3	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With constitutional psychopathic inferiority	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—
20. With mental deficiency	2	4	6	—	1	1	—	—	—	—	—	1	—	—	—	1	1	2	—	—	—
21. Undiagnosed psychoses	7	7	14	2	2	4	1	1	2	—	1	1	—	—	—	—	1	1	2	—	1
22. Not insane	1	1	2	—	—	—	1	—	1	—	—	—	—	—	—	—	—	1	1	—	—
Totals	89	78	167	18	6	24	15	9	24	10	11	21	4	4	8	19	14	33	5	6	11

TABLE 18.—Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.  
Year Ending May 31, 1922—Concluded.

PSYCHOSES.	YEARS.											
	5-6.			7-8.			9-10.			11-12.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
2. Senile . . . . .	1	2	3	1	1	2	1	1	2	1	1	2
3. With cerebral arteriosclerosis . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
4. General paralysis . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
5. With cerebral syphilis . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
6. With Huntington's chorea . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
7. With brain tumor . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
8. With other brain or nervous diseases . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
9. Alcoholic . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
10. Due to drugs and other exogenous toxins . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
11. With pellagra . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
12. With other somatic diseases . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
13. Manic-depressive . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
14. Involution melancholia . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
15. Dementia praecox . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
16. Paranoia or paranoid conditions . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
17. Epileptic psychoses . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
18. Psychoneuroses and neuroses . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
19. With constitutional psychopathic inferiority . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
20. With mental deficiency . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
21. Undiagnosed psychoses . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
22. Not insane . . . . .	1	1	2	1	1	2	1	1	2	1	1	2
Totals . . . . .	2	6	8	2	5	7	3	2	5	1	3	4

# REPORT OF TREASURER

WARREN, PA., June 19th, 1922.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Treasurer respectfully submits the following summary of the receipts and expenditures for the biennial period ending May 31st, 1922:

## MAINTENANCE ACCOUNT

### *Receipts*

From State Appropriation for the support of Indigent Patients for the biennial period ending May 31st, 1922	\$599,392.35	
From Counties, Townships and Municipalities for support of Indigent Patients	400,426.27	
From Private Patients	169,901.19	
From Other Sources	11,637.69	
Borrowed from Warren National Bank	35,000.00	
		<u>\$1,216,357.50</u>

### *Expenditures*

Superintendent's Orders Paid	<u>1,216,357.50</u>
Balance cash on hand May 31st, 1922	0.00

## SPECIAL APPROPRIATION ACCOUNTS.

### *Receipts from State Treasurer*

Blanket Appropriation No. 51 A, 1919	\$ 17,028.30	
Installation of Skinner Overhead Garden Irrigation System	4,000.00	
Erection of Machine and Farm Implement Shed	5,000.00	
Purchase of Farm Machinery	502.15	
Construction of Sanitary Ceiling in Dairy Barn	845.70	
Changes in Electric Wiring	5,000.00	
Changes in Fire Protection	2,038.30	
Installation of Auxiliary Pumping Unit	1,520.37	
Installation of Boiler Feed Pump	650.00	
		<u>\$ 36,584.82</u>

### *Expenditures*

Superintendent's orders paid on the several accounts	<u>\$ 36,584.82</u>
Balance cash on hand May 31st, 1922	0.00

Very respectfully,

N. C. SILL, Treasurer.



# STEWARD'S REPORT

WARREN, PA., June 19th, 1922.

To the Trustees of the State Hospital for the Insane,  
Warren, Pennsylvania.

The Steward respectfully submits the following report for the biennial period ending May 31st, 1922:

## MAINTENANCE ACCOUNT.

### *Analysis of Expenses* *Salaries, Wages and Labor*

Medical Service . . . . .	\$ 51,080.84	
General Administration . . . . .	106,202.95	
Ward Services . . . . .	158,598.26	
Repairs and Improvements . . . . .	69,678.87	
Farm, Stable and Grounds . . . . .	64,039.83	
	<hr/>	\$ 449,600.75

## FOOD

Butter . . . . .	\$ 38,768.74	
Beans . . . . .	4,138.61	
Bread and Crackers . . . . .	383.51	
Cereals, rice, meal, etc. . . . .	8,980.17	
Cheese . . . . .	8,103.15	
Eggs . . . . .	5,733.47	
Flour . . . . .	29,306.68	
Fish . . . . .	5,450.14	
Fruit (dried and fresh) . . . . .	11,778.89	
Lard . . . . .	.80	
Meats . . . . .	47,607.17	
Milk . . . . .	6,526.37	
Molasses and syrup . . . . .	2,245.62	
Spices, seasonings, salt, etc. . . . .	5,616.83	
Sugar . . . . .	11,674.77	
Tea, coffee, cocoa, etc. . . . .	7,872.80	
Vegetables . . . . .	11,307.75	
Yeast . . . . .	739.50	
Sundries . . . . .	888.83	
	<hr/>	\$ 207,123.80

## CLOTHING AND CLOTHING MATERIALS.

Boots, shoes and rubbers . . . . .	\$ 7,240.81	
Clothing . . . . .	14,333.27	
Dry Goods for clothing and small wares . . . . .	19,242.95	
Furnishing goods . . . . .	5,802.35	
Hats and caps . . . . .	233.65	
Leather and shoes findings . . . . .	681.50	
Materials and machinery for manufacturing . . . . .	239.14	
Sundries . . . . .	32.41	
	<hr/>	\$ 47,806.08

## FURNISHINGS.

Beds, bedding, table linen, etc.	\$ 47,463.66	
Brushes, brooms, etc.	1,514.91	
Carpets, rugs, etc.	273.34	
Crockery, glassware, cutlery, etc.	3,265.75	
Furniture and upholstery	4,502.11	
Kitchen furnishings	3,226.23	
Materials and machinery for manufacturing	156.73	
Wooden ware, buckets, pails, etc.	377.25	
Sundries	358.75	
	<hr/>	\$ 61,138.73

## HEAT, LIGHT AND POWER.

Coal	\$ 77,983.70	
Freight on coal	57,291.18	
Electricity	66.00	
Gas	18,190.62	
Oil	2,402.61	
Sundries	3,125.87	
	<hr/>	\$ 159,059.98

## REPAIRS AND IMPROVEMENTS.

Cement, lime and plaster	\$ 385.29	
Doors, sashes, etc.	57.23	
Electrical work and supplies	4,899.93	
Hardware, iron, steel, etc.	3,561.50	
Lumber	2,245.37	
Machines (detached)	4,721.52	
Paints, oil, glass, etc.	4,874.34	
Plumbing, steam fitting and supplies	12,124.15	
Roofing and materials	1,558.62	
Sundries	137.23	
	<hr/>	\$ 34,565.18

## FARM, STABLE AND GROUNDS.

Automobile supplies	\$ 4,565.25	
Blacksmithing and supplies	619.63	
Carriages, wagons, etc., and repairs	125.86	
Fertilizers, vines, seeds, etc.	12,266.77	
Hay, grain, etc.	57,448.56	
Harnesses and repairs	513.92	
Horses	522.30	
Cows	5,236.57	
Other live stock	137.65	
Rent	25.00	
Tools, farm machines, etc.	5,302.31	
Sundries	4,306.91	
	<hr/>	\$ 91,070.73

## MISCELLANEOUS.

Books, periodicals, etc.	\$ 920.77	
Cuspidor supplies	334.24	
Entertainments	2,211.27	
Freight, expressage and transportation	1,005.35	
Hose, etc.	353.39	
Medicines and hospital supplies	11,324.22	
Medical attendance, etc. (extra)	884.99	
Postage	2,627.55	
Printing and printing supplies	4,701.00	
Printing annual report	250.00	
Religious services	120.00	
Return of runaways	329.07	

## REPORT OF STEWARD

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Soap and laundry supplies . . . . .	16,708.68	
Stationery and office supplies . . . . .	2,169.97	
School books and school supplies . . . . .	732.50	
Travel and expenses (official) . . . . .	1,566.91	
Telephone and telegraph . . . . .	1,381.05	
Tobacco . . . . .	4,705.49	
Interest . . . . .	2,951.19	
Sundries . . . . .	4,221.26	
	<hr/>	\$ 59,498.90
Total expenses for maintenance . . . . .		\$1,109,864.15
Excess of expenses over income June 1, 1920 . . . . .		66,024.13
		<hr/>
Total . . . . .		1,175,888.28
Excess of income over expenses June 1, 1922 . . . . .		5,211.69
		<hr/>
		\$1,181,099.97

## INCOME.

Charges to the Commonwealth for the support of Indigent Patients, 73,431 2-7 weeks at \$2.50 (June 1st, 1920 to May 31st, 1921)	\$183,578.21	
Charges to the Commonwealth for the support of Indigent Patients, 76,350 3-7 weeks at \$3.00 (June 1st, 1921 to May 31st, 1922)	229,051.28	
Received from the Commonwealth to meet deficiency in maintenance account for biennial period ending May 31, 1921 . . . . .	180,000.00	
	<hr/>	\$ 592,629.49
Charges to counties and municipalities, 73,431 2-7 weeks at \$2.50 (June 1st, to May 31st, 1921)	\$183,578.26	
Charges to counties and municipalities, 76,350 3-7 weeks at \$3.00 (June 1st, 1921 to May 31st, 1922)	229,051.35	
Charges to counties and municipalities for traveling, funeral and burial expenses . . . . .	917.98	
	<hr/>	\$ 413,547.59
Charges to private patients . . . . .		163,285.20

## INCOME FROM OTHER SOURCES.

Sales:		
Food . . . . .	\$1,839.56	
Clothing materials . . . . .	212.03	
Furnishings . . . . .	14.73	
Heat, light and power . . . . .	1,396.86	
Repairs and improvements . . . . .	238.57	
Miscellaneous . . . . .	3,034.51	\$ 6,736.26

## FARM, STABLE AND GROUNDS.

Sales—		
Cows and calves . . . . .	\$1,742.36	
Pigs and hogs . . . . .	810.19	
Sand and gravel . . . . .	52.00	
Use of teams . . . . .	36.50	
Sundries . . . . .	1,485.38	4,126.43

## MISCELLANEOUS RECEIPTS.

Rent . . . . .	\$ 440.00		
Burial and funeral . . . . .	335.00	775.00	\$ 11,637.69
	<hr/>		
Total . . . . .			\$1,181,099.97

## SPECIAL APPROPRIATION ACCOUNTS.

## Appropriation No. 51A—

For purchase of farm machinery, tools and implements;  
 purchase of tools and supplies for engineer's department  
 and necessary repairs to existing machinery; for the  
 erection of a henery, brooding house and other necessary  
 buildings; for construction of manure pits; for the pur-  
 chase of furniture and furnishings to equip attendants'  
 home . . . . . \$ 17,028.30

## Appropriation No. 52A—

Installation of Skinner Overhead Garden Irrigation System—	
Material . . . . .	4,000.00
Erection of Machine and Farm Implement Shed—	
Material and labor . . . . .	5,000.00
Purchase of Farm Machinery . . . . .	502.15
Construction of Sanitary Ceiling in Dairy Barn—	
Material . . . . .	845.70
Changes in Electric Wiring—	
Material and labor . . . . .	5,000.00
Changes in Fire Protection—	
Material . . . . .	2,038.30
Installation of Auxiliary Pumping Unit—	
Material . . . . .	1,520.37
Installation of Boiler Feed Pump—	
Material . . . . .	650.00
Total . . . . .	<u>\$ 36,584.82</u>

SUMMARY.  
Maintenance Account.

Quarter Ending	Charge to Common- wealth	Charge to Counties, Townships, and Municipalities	Charge to Private Patients	Received from Other Sources	Income	Expenses	Excess of Expenses Over Income	Excess of Income over Expenses
Aug. 31, 1920.....	\$ 46,231.43	\$46,399.55	\$ 17,204.19	\$ 1,119.85	\$110,955.02	\$150,584.70	\$39,629.68	
Nov. 30, 1920.....	45,848.57	45,982.78	18,147.92	1,712.16	111,691.43	148,296.97	36,605.54	
Feb. 28, 1921.....	44,865.00	45,035.44	21,580.24	1,976.64	113,457.32	165,218.99	51,761.67	
May 31, 1921.....	46,633.21	46,648.10	22,116.72	1,554.65	116,952.68	102,931.66		\$14,021.02
Aug. 31, 1921.....	56,798.57	56,837.50	21,804.81	1,394.59	136,835.47	151,512.14	14,676.67	
Nov. 30, 1921.....	56,963.14	57,016.15	20,613.26	1,006.00	135,598.55	134,457.05		1,141.50
Feb. 28, 1922.....	56,686.71	56,810.44	20,509.87	1,621.02	135,628.04	130,485.75		5,142.29
May 31, 1922.....	58,602.86	58,817.63	21,308.19	1,252.78	139,981.46	126,376.89		13,604.57
Total.....	\$412,629.49	\$413,547.59	\$163,285.20	\$11,637.69	\$1,001,099.97	\$1,109,864.15	\$142,673.56	\$33,909.38

Excess of Expenses over Income for the biennial period ending May 31, 1922.....\$108,764.18  
 Excess of Expenses over Income June 1st, 1920..... 66,024.13

Received from the Commonwealth of Pennsylvania to meet deficiency in Main-  
 tenance Account for the biennial period ending May 31st, 1921..... 180,000.00

Excess of income over expenses June 1st, 1922.....\$ 5,211.69

## STATEMENT OF WEEKS CHARGED.

	Weeks charged to Private Patients	Weeks charged to Indigent Patients	Total weeks Charged	Total Income
Quarter ending Aug. 31, 1920.....	1,994 4-7	18,492 4-7	20,487 1-7	\$110,955.02
Quarter ending Nov. 30, 1920.....	1,996 1-7	18,339 3-7	20,335 4-7	111,691.43
Quarter ending Feb. 28, 1921.....	2,252 3-7	17,946	20,198 3-7	113,457.32
Quarter ending May 31, 1921.....	2,312 4-7	18,653 2-7	20,965 6-7	116,952.68
Quarter ending Aug. 31, 1921.....	2,208 4-7	18,932 6-7	21,141 3-7	136,835.47
Quarter ending Nov. 30, 1921.....	2,116 4-7	18,987 5-7	21,104 2-7	135,598.55
Quarter ending Feb. 28, 1922.....	2,107 2-7	18,895 4-7	21,002 6-7	135,628.04
Quarter ending May 31, 1922.....	2,213 5-7	19,534 2-7	21,748	139,981.46
Total.....	17,201 6-7	149,781 5-7	166,983 4-7	\$1,001,099.97

## CASH SUMMARY ACCOUNT.

Quarter Ending	Received From Commonwealth	Received from Counties, Townships and Municipalities	Received from Private Patients	Borrowed from Warren Nat'l Bank	Received from Other Sources	Total Receipts.	Total Disbursements.
Aug. 31, 1920.....	\$111,389.84	\$ 43,378.47	\$ 16,854.31		\$1,119.85	\$ 172,742.47	\$172,742.47
Nov. 30, 1920.....	85,861.11	48,780.39	20,735.84		1,712.16	157,089.50	157,089.50
Feb. 28, 1921.....	50,000.00	46,326.23	22,363.39	\$ 35,000.00	1,976.64	155,666.26	155,666.26
May 31, 1921.....	77,454.11	44,868.44	22,580.37		1,554.65	146,457.57	146,457.57
Aug. 31, 1921.....	84,238.86	46,486.91	22,625.67		1,394.59	154,746.03	154,746.03
Nov. 30, 1921.....	56,798.57	56,779.85	21,425.58		1,006.00	136,010.00	136,010.00
Feb. 28, 1922.....	40,000.00	54,995.64	21,365.01		1,621.02	117,981.67	117,981.67
May 31, 1922.....	93,649.86	58,810.34	21,951.02		1,252.78	175,664.00	175,664.00
Total.....	\$599,392.35	\$400,426.27	\$169,901.19	\$35,000.00	\$11,637.69	\$1,216,357.50	\$1,216,357.50



SUMMARY.  
Special Appropriations.

Name of Appropriation	No.	Act of General Assembly	Amount of Appropriation Granted	Amount of App'n ex- pended pre- vious to June 1, 1921	Amount of App'n remain- ing in State Treasury June 1, 1921	Amount of App'n rec'd from State Treasury and expended dur- ing year ending May 31, 1922	Balance of App'n remain- ing in State Treasury June 1, 1922
Reception and Treatment Building					\$145,307.65		\$145,307.65
Purchase of land, farming imple- ments, tools and supplies for Engi- neer's Dept. Repairs to machin- ery, erection of hennery and other necessary buildings, furnishing Male Attendants' Home	"	397A 1917	\$150,000.00	\$ 4,692.35			
Installation of Skinner Overhead Garden Irrigating System	"	51A 1919	25,000.00	18,579.65	6,420.35	\$6,420.35	
Erection of Farm Implement Shed	"	52A 1921	4,000.00			4,000.00	
Construction of Ferry-boat	"	"	5,000.00			5,000.00	
Construction of Root Cellar	"	"	1,000.00				1,000.00
Addition to Calf Barn	"	"	1,500.00				1,500.00
Purchase of Farm Machinery	"	"	3,000.00				3,000.00
Installation of Rendering plant	"	"	5,000.00			502.15	4,497.85
Sanitary Ceiling in Dairy Barn	"	"	2,000.00				2,000.00
Changes in electric wiring	"	"	1,200.00				354.30
Changes in fire protection	"	"	5,000.00			845.70	
Erection of four cottages	"	"	4,000.00			5,000.00	1,961.70
Auxiliary pumping unit	"	"	10,000.00			2,038.30	10,000.00
Boiler Feed Pump	"	"	4,200.00				2,679.63
Relaying Gas and Water Lines	"	"	650.00			1,520.37	
			15,000.00			650.00	15,000.00
Total			\$236,550.00	\$ 23,272.00	\$151,728.00	\$ 25,976.87	\$187,301.13



## INVENTORY

## Personal Property—

Including Provisions, Supplies, Furnishings and Equipment \$ 310,611.19

## Real Estate—

Land . . . . . 110,295.00

## Buildings—

Including all Buildings for Patients, Employees, Farm,  
Power Plant, etc . . . . . 1,526,050.00

## Betterments—

Including Water Works, Electric Lighting Plant, Heating  
System, Sewage and Drainage System, Pavements and  
Iron Fences . . . . . 273,175.00

Total Inventory . . . . . \$2,220,131.19

PRODUCTION OF THE FARM AND GARDEN FOR THE  
BIENNIAL PERIOD ENDING MAY 31, 1922.

## VEGETABLES, FRUITS, ETC.

Asparagus, 675 bunches . . . . .	\$ 152.15
Apples, 182 bushels . . . . .	244.00
Beans, String, 1,037¼ bushels . . . . .	2,328.30
Beans, Dry, 83 1-6 bushels . . . . .	174.60
Beets, Table, 1,169 bushels . . . . .	1,715.00
Beet Greens, 130 bushels . . . . .	119.00
Cabbage, Early, 40,780 pounds . . . . .	1,407.20
Cabbage, Late, 130 tons . . . . .	4,750.00
Carrots, 1,074 bushels . . . . .	1,451.50
Cauliflower, 4,783 heads . . . . .	474.20
Celery, 1,117½ dozen bunches . . . . .	833.00
Cider, 22 barrels . . . . .	220.00
Corn, Sweet, 2,672 bushels . . . . .	3,147.00
Cucumbers, 307 bushels . . . . .	402.20
Egg Plant, 2,292 . . . . .	91.85
Lettuce, 425½ bushels . . . . .	850.00
Lettuce, Hothouse, 60 bushels . . . . .	183.85
Onions, 75¼ bushels . . . . .	143.62
Onions, Green, 7,709 bunches . . . . .	136.45
Onion Sets, 19 bushels . . . . .	91.00
Parsnips, 150 bushels . . . . .	300.00
Peas, 475 bushels . . . . .	1,423.85
Peppers, 527 . . . . .	14.20
Radishes, 6, 643 dozen bunches . . . . .	1,442.49
Pumpkin, 2,000 pounds . . . . .	30.00
Rhubarb, 113 bushels . . . . .	169.50
Rutabagas, 409 bushels . . . . .	561.50
Squash, Summer, 247 bushels . . . . .	238.75
Squash, Winter, 14½ tons . . . . .	871.00
Sage, 3 bushels . . . . .	5.50
Strawberries, 513 7-32 bushels . . . . .	3,766.83
Swiss Chard, 688½ bushels . . . . .	940.12
Tomatoes, 1,106½ bushels . . . . .	1,395.75
Tomatoes, Green, 137 bushels . . . . .	105.25
Turnips, 153 bushels . . . . .	175.50
	<hr/>
	\$ 30,355.16

## REPORT OF STEWARD

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## MILK, PORK, BEEF, ETC.

Milk to Hospital, 990,791 quarts . . . . .	\$ 57,700.32	
Cream to Hospital, 18,229 1/2 quarts . . . . .	7,906.40	
Veal, 4,399 pounds . . . . .	837.58	
Beef, 51,404 pounds . . . . .	7,581.55	
Pork, 195,238 pounds . . . . .	31,206.71	
Eggs, 15,110 dozen . . . . .	6,676.57	
Eggs for Hatching, 410 dozen . . . . .	123.00	
Poultry, 9,753 1/2 pounds . . . . .	2,842.09	
		\$ 114,874.22

## HAY, GRAIN AND FEED.

Rye, 930 bushels . . . . .	\$ 1,023.00	
Oats, 5,985 bushels . . . . .	4,132.80	
Wheat, 1,191 bushels . . . . .	1,804.80	
Buckwheat, 190 bushels . . . . .	171.00	
Hay, Timothy, 291 tons . . . . .	6,799.00	
Hay, Alfalfa, 44 tons . . . . .	1,056.00	
Hay, Clover, 355 1/2 tons . . . . .	7,325.00	
Ensilage Corn, 2,000 tons . . . . .	11,050.00	
Straw, 273 tons . . . . .	2,730.00	
Mangles, 3,200 bushels . . . . .	1,180.00	
Potatoes, 12,458 bushels . . . . .	12,458.00	
Shelled Corn, 1,876 bushels . . . . .	1,125.60	
Corn Fodder, 70 tons . . . . .	350.00	
		\$ 51,205.20

## MISCELLANEOUS.

Bran to Coach Barn, 3,600 pounds . . . . .	\$ 64.46	
Oats to Coach Barn, 727 bushels . . . . .	489.96	
Straw to Coach Barn, 4 tons . . . . .	52.00	
Hay to Coach Barn, 28 tons . . . . .	630.60	
Schumacher Feed to Coach Barn, 2 tons . . . . .	64.00	
Teaming for Hospital, 340 days . . . . .	2,200.00	
Sand and Gravel, 180 yards . . . . .	340.00	
Lumber, 26,000 feet . . . . .	1,300.00	5,141.02
Sales—		
Cow and Calves . . . . .	1,742.36	
Pigs and Hogs . . . . .	810.19	
Use of Teams . . . . .	36.50	
Sand and Gravel . . . . .	52.00	
Sundries . . . . .	1,485.38	
		\$ 4,126.43
Total . . . . .		\$ 205,702.03

GREEN HOUSE PRODUCTION FOR THE BIENNIAL PERIOD  
ENDING MAY 31, 1922.

## CUT FLOWERS.

Carnations . . . . .	42,637
Roses . . . . .	13,507
Antirrhinums . . . . .	10,961
Greens . . . . .	1,077
Lilies . . . . .	1,315
Chrysanthemums . . . . .	6,017
Violets . . . . .	5,385
Mixed Flowers . . . . .	16,596
House Plants . . . . .	9,427

## GARDEN FLOWERS

Asters	.	.	.	.	.	.	.	.	.	.	13,080
Gladioli	.	.	.	.	.	.	.	.	.	.	3,210
Dahlias	.	.	.	.	.	.	.	.	.	.	3,300
Sweet Peas	.	.	.	.	.	.	.	.	.	.	4,310
Mixed Flowers	.	.	.	.	.	.	.	.	.	.	25,540

Respectfully submitted,

H. A. Ross, Steward.

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## APPENDIX

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## Admission of Patients

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1. The admission of patients is governed by law, and the attention of applicants is directed to the following provisions of the Act of Assembly approved May 8, 1883, to-wit:

“No person shall be received as a patient for treatment or for detention into any house or place where more than one person is detained for compensation, without a certificate signed by at least two physicians, residents in this Commonwealth, who have been actually in the practice of medicine for at least five years, both of whom shall certify that they have examined separately the person alleged to be insane, and after such an examination had do verily believe the person is insane, and that the disease is of a character, which, in their opinion, requires that the person should be placed in a Hospital or other establishment where the insane are detained for care and treatment and that they are not related by blood or marriage to the person alleged to be insane, nor in any way connected as a medical attendant or otherwise with the Hospital or other establishment in which it is proposed to place such person.”

The certificate above provided for shall be made within one week of the examination of the patient and within two weeks of the time of admission of the patient, and shall be duly sworn to or affirmed before a judge or magistrate of this Commonwealth and the county where such person has been examined, who shall certify to the genuineness of the signatures, and to the standing and good repute of the signers, and any person falsely certifying as aforesaid shall be guilty of a misdemeanor and also liable, civilly, to the party aggrieved.

No person alleged to be insane shall be received into any house for treatment or detention unless at the time of such reception the person or persons at whose instance the person is received shall by writing signed, state that the person is being removed and is to be detained at his or her request under belief that such detention is necessary and for the benefit of the insane person.

There shall also be delivered to the person or persons having supervision or charge of the house a written statement of the following facts relative to the person to be detained, signed by the person or persons at whose instance the insane person is being removed and detained, or if the facts be not known it shall be so stated:

- (1) The name.
- (2) Age.
- (3) Residence for the past year, or for such thereof as is known.
- (4) Occupation, trade or employment.
- (5) Parents, if living.
- (6) Husband or wife.
- (7) Children.
- (8) Brothers and sisters, and the residence of each of these persons.

(9) If not more than one of these classes is known, the names and residence of such of the next degree of relatives that are known.

(10) A statement of the time at which the insanity has been supposed to exist, and the circumstances that induce the belief that insanity exists.

(11) Name and address of all medical attendants of the patient during the last two years.

2. Whenever a patient is sent to the Hospital by the order of any Court, Justice, Judge, Directors of the Poor of a county, or the Overseers of the Poor of a township or poor district, the order or warrant, or a copy thereof, by which such person is sent, shall be lodged with the Superintendent.

3. All insane persons, residing in the district, who apply for admission with proper papers, and are willing and able to pay their expenses shall be admitted and furnished accommodations. Payment of board for thirteen weeks in advance shall be made for such patient when brought to the Hospital.

4. Each patient before admission shall be made perfectly clean and be free from vermin or any contagious or infectious disease.

5. Each male patient shall be provided with at least three new shirts, a new and substantial coat, vest and pantaloons, of strong woolen cloth, three pairs of woolen socks, a black stock or cravat, a good hat or cap, a pair of new shoes or boots, together with a comfortable outside garment.

6. Each female patient, in addition to the same quality of undergarments, shoes and stockings, shall have a flannel petticoat, two good dresses, also a coat or other outside garment. In case the patient is so much excited as not to admit of being thus clothed, other clothing that can be kept on that is comfortable and in sufficient quantities, with a change thereof, may be substituted.

7. It is very desirable that extra and better apparel should be sent with those accustomed to it, that when their health is improved, and when they attend religious worship, walk or ride out, their self-respect may be preserved. In all cases the patients' best clothing should be sent; it will be carefully preserved, and only used when it is deemed necessary for the purposes above mentioned. Jewelry and all superfluous articles of dress, knives and like property, should be left at home.

8. A written history should be sent with the patient, and if possible, some one acquainted with the patient should accompany him or her to the Hospital, from whom minute, but often, essential particulars may be learned.

9. The price of boarding, including washing, mending and attention for all who are supported by the authorities of the counties and townships, will be the amount required by law. For private patients hereafter admitted, the price of board, attendance and treatment will vary from seven dollars a week upwards, according to expense incurred. For patients sent by the public authorities, payment will be required at the end of each quarter.

10. In all cases of private patients, one quarterly payment for board and expense must be made in advance and a bond given with approved security conditioned for the payment of future quarterly installments in like manner and also for the removal of the patient when discharged, which bond shall be delivered by the Superintendent to the Secretary of the Board. In the absence of such quarterly payment in advance and the accompanying

bond as aforesaid, the patient shall not be received into the Hospital, and it shall be the duty of the Secretary to see that the collection of said bonds, according to their condition, is strictly enforced.

11. In case of death, the parties responsible for the expenses of the patient will be notified by letter or telegraph, and if no response is received the patient will be cared for as the law directs.

#### ANATOMICAL LAW ENACTED JUNE 13, 1883.

Sec. 2. "All public officers, agents and servants, and all officers, agents and servants of any and every county, city, township, borough, district and other municipality and of any and every almshouse, prison, morgue, hospital, or other public institution having charge or control over dead human bodies required to be buried at the public expense, are hereby required to notify the said board of distribution, or such person or persons as may from time to time be designated by said board, or its duly authorized officer, or agent, whenever any such body or bodies come into his or their possession, charge or control, and shall, without fee or reward, deliver such body or bodies, and permit and suffer the said board and its agents, and the physicians and surgeons from time to time designated by them, who may comply with the provisions of this Act, to take and remove all such bodies to be used within this state for the advancement of medical science; but no such notice need be given, nor shall any such body be delivered if any person claiming to be and satisfying the authorities in charge of said body that he or she is of kindred or is related by marriage to the deceased, shall claim the said body for burial, but it shall be surrendered for interment, nor shall the notice be given or body be delivered if such deceased persons was a traveler who died suddenly, in which case the said body shall be buried."

"Persons voluntarily placing themselves" in the Hospital, "and who may be suffering from nervous diseases, threatening mental disorder, may" (under the Act of May 10, 1893), "be received for a period of one month or less, by an agreement which shall also specify the time, signed by them at the time of admission, and they may renew said agreement at the end of one month, but no agreement shall be deemed to authorize their remaining unless signed in the presence of some adult person attending as a friend of the person applying in the presence of and also by the medical attendant."



# Forms of Admission

## CERTIFICATE OF PHYSICIANS

We, the undersigned, residents of Pennsylvania, hereby certify that we we have within one week prior to the respective dates hereinafter mentioned at\* .....

.....in the County of  
.....separately examined  
of†.....and do verily believe that the said  
.....is insane, and the disease  
is of a character, which in our opinion, requires the person shall be placed  
in a hospital or other establishment where the insane are detained for care  
and treatment.

We further certify that we are graduates of an incorporated medical college  
and that we have been actually in the practice of medicine for at least five  
years and that we are not related by blood or marriage to the said.....

.....  
nor in any way connected as a medical attendant or otherwise with the Hospital  
or other establishment in which it is proposed to place the aforesaid.

Signed.....M. D.

Residence.....

Dated.....day of.....one thousand nine hundred.....

Signed.....M. D.

Residence.....

Dated.....day of.....one thousand nine hundred.....

\*Here insert the street and number of the house (if any) or like particulars.

†Here residence and profession or occupation (if any).

## CERTIFICATE OF A MAGISTRATE OR JUDICIAL OFFICER.

(The certificate of a Prothonotary or Notary Public  
cannot be accepted).

I,....., a.....of.....  
.....County, in the Commonwealth of Pennsylvania, do  
certify that the foregoing certificate was duly sworn or affirmed before me  
by the above named.....on.....  
day of.....19.....that the signatures thereto  
are genuine and the signers are physicians of good standing and repute.

Signed.....[L. S.]

## ORDER FOR THE RECEPTION OF A PATIENT.

I,....., the undersigned, hereby request you  
to receive....., an insane person, as patient  
into the State Hospital for the Insane at Warren, Pennsylvania, at the ex-  
pense of.....believing that such  
detention is necessary for.....benefit.

Subjoined is a statement respecting the said.....

Signed.....

Occupation.....

Degree of relationship (if any) or other circumstances of.....  
 connection with the patient.....  
 Dated this..... day of..... one thousand nine hundred.....  
 To the Superintendent of the State Hospital for the Insane at Warren, Pa.

## STATEMENT.

(If any particulars in this statement be not known, the fact to be so stated).

1. Name of patient with Christian name at length.  
 .....
2. Sex, age and nativity.  
 .....
3. Residence for the past year or so much thereof as is known.  
 .....
4. Occupation, trade or employment.  
 .....
5. Name of parents, if living.  
 .....
6. Name of husband or wife.  
 .....
7. Names of children.  
 .....
8. Names of brothers and sisters and the residence of each of these persons.  
 .....
9. If not more than one of these classes is known, the names and residence of such of the next degree of relations as are known.  
 .....
10. Names and addresses of all medical attendants of the patient during the last two years.  
 .....
11. A statement of the time which the insanity has been supposed to exist and the circumstances that induce the belief that insanity exists.  
 .....

Signed.....

When the person who signs the statement is not the person who signs the order, the following particulars concerning the person signing the statement are to be added:

Occupation, if any.....  
 Residence.....  
 Degree of relationship, if any.....  
 Or other circumstances of connection with the patient.

## BOND FOR THE ADMISSION OF PRIVATE PATIENTS.

Known all Men by These Presents, That we.....  
 and..... of..... in the County  
 of..... and State of Pennsylvania  
 are held and firmly bound unto the Trustees of the State Hospital for the Insane at Warren, Pennsylvania, and their successors in office, in the sum of five hundred dollars, for the payment of which we, and each of us, do bind ourselves, our and each of our executors, and administrators, firmly by these presents. Sealed with our seals and dated the..... day of.....  
 19.....

Whereas, Application is herewith filed in behalf of.....  
of.....in the County of.....and State  
aforesaid, for admission as a patient to the Hospital at Warren, Pennsylvania,  
which is under the management of the said obligees:

Now, therefore, the condition of this obligation is such that so long as said  
patient shall continue in said Hospital, if admitted thereto, and until dis-  
charged therefrom, if the said obligors shall pay to said obligees, on account  
of said patient, together with such extra rate of charge, if any, as may be  
occasioned by extraordinary care and attention, in such amount or amounts  
and at such stated time or times as said payments may be required, and shall  
provide suitable clothing, and pay said obligees in like manner as aforesaid,  
for all other necessary articles of clothing by them provided for said patient  
as well as all reasonable funeral expenses of said patient in case of death, and  
shall remove said patient from said Hospital whenever by the Superinten-  
dent thereof so required to do, then this obligation to be void, else to be and  
remain in full force and virtue.

And further.....do hereby authorize and empower any  
attorney of any Court of record of Pennsylvania or elsewhere to appear with  
or without declaration with costs of suit, release of errors, without stay of  
execution, and with five per cent. attorney's commission for collection.....  
do also waive the right and benefit of any law of this or any other state exempt-  
ing property, real or personal, from sale, and if levy is made on land.....  
.....do also waive the right of inquisition and  
consent to the condemnation thereof, with full liberty to sell the same on  
Fi. Fa. with release of errors thereon.

.....[L. S.]  
.....[L. S.]  
.....[L. S.]

Sealed and delivered in the presence of

.....  
.....





RC Penn. Warren State  
445 Hospital  
P4N Biennial report

DATE

ISSUED TO

1922





